

**CURRICULUM VITAE**

NAME: **JOHN DUNNING BOICE, JR.**  
 PLACE AND DATE OF BIRTH: Brooklyn, New York, USA, December 20, 1945  
 MARITAL STATUS: Married 1974, four sons

**EDUCATION:**

1967	B.S. Physics and Mathematics	University of Texas at El Paso (Texas Western College)
1968	M.S. Nuclear Engineering and Science	Rensselaer Polytechnic Institute
1974	S.M. Environmental Health Science (Medical Radiological Physics)	Harvard University, School of Public Health
1977	Sc.D. Epidemiology	Harvard University, School of Public Health

**EMPLOYMENT:**

April, 1996 to present	<u>Scientific Director</u> , International Epidemiology Institute, LTD, Rockville, Maryland.
March, 1984 to July, 1996	<u>Chief</u> , Radiation Epidemiology Branch, Epidemiology and Biostatistics Program, Division of Cancer Etiology, National Cancer Institute (NCI), National Institutes of Health (NIH), Department of Health and Human Services (DHHS), Bethesda, Maryland.
September, 1979 to February, 1984	<u>Head</u> , Radiation Studies Section, Environmental Epidemiology Branch, Field Studies & Statistics, Division of Cancer Causes and Prevention (DCCP), NCI, NIH, DHHS, Bethesda, Maryland.
September, 1977 to September 1979	<u>Epidemiologist</u> , Environmental Epidemiology Branch, National Cancer Institute, NIH, DHEW, Bethesda, Maryland. <u>Instructor</u> , The Foundation for the Advanced Education in the Sciences, Graduate School at NIH.
September, 1979 to August 1977	<u>Epidemiologist</u> , Epidemiologic Studies Branch. Bureau of Radiological Health, Food and Drug Administration (FDA), DHEW, Rockville, Maryland.
September, 1971 to September, 1972	<u>Physicist</u> , Field Studies Branch, Bureau of Radiological Health, FDA, Northeastern Radiological Health Laboratory, Woburn, Massachusetts.
September, 1969 to September, 1971	<u>Instructor</u> , Training Institute, RHB, OTMD, ECA, CPEHS, Northeastern Radiological Health Laboratory, Woburn, Massachusetts.
June, 1968 to September, 1969	<u>Research Assistant</u> , Nuclear Structure Section, Linear Accelerator Laboratory, Rensselaer Polytechnic Institute, Troy, New York.
1965-1967	<u>Research Assistant</u> , Schellenger Research Laboratories, University of Texas (El Paso), El Paso, Texas.
June, 1966	<u>Research Assistant</u> , Texas Instruments, Midland, Texas.

## **PUBLIC HEALTH SERVICE COMMISSIONED CORPS:**

1969	Appointed <u>Lieutenant</u> (0-3), Health Services Officer (R) (T), PHS Commissioned Corps
1973	Promoted <u>Lieutenant Commander</u> (0-4), HSO (R) (T), PHS
1975	Appointment in Regular Corps, <u>Lt. Commander</u> (0-4), HSO (T), PHS
1979	Promoted to <u>Commander</u> (0-5), Scientist (T), PHS
1983	Promoted to <u>Captain</u> (0-6), Scientist (T), PHS
1990	Appointed to <u>Research Officer Group</u>
1992	Promoted to <u>Captain</u> (0-6), Scientist (P), PHS
1996	Retired after 27 years of service.

## **APPOINTMENTS:**

2000 - present	Vanderbilt University, Professor, Vanderbilt University Medical Center and Vanderbilt-Ingram Cancer Center
1998 - present	University of Pittsburgh, Adjunct Professor, Department of Environmental and Occupational Health
1997 - 2001	International Commission on Radiation Protection, Main Commission
1996 - present	National Cancer Institute, Special Volunteer
1993 - present	Advisor, U.S. Delegation to United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR)
1985 - 1986	American Public Health Association, Governing Council
Summer 1985	Chaim Sheba Medical Center, Tel Hashomer, Israel, Visiting Scientist
1980 - 1983	Mayo Clinic, Rochester, Minnesota, Dept Medical Statistics & Epidemiology Special Project Associate
Summer 1982	Danish Cancer Registry, Visiting Scientist
1979 - present	Harvard University School of Public Health, Visiting Lecturer on Epidemiology
1979 - present	National Council on Radiation Protection and Measurements

## **PROFESSIONAL SOCIETIES:**

1972 - present	Health Physics Society
1975 - present	Society for Epidemiologic Research
1975 - present	American Public Health Association
1976 - present	Radiation Research Society
1982 - present	American Epidemiological Society
1986 - present	American Association for Cancer Research
1997 - present	American College of Epidemiology (Fellow)

## **EDITORIAL BOARDS:**

1987 - present	Journal of the National Cancer Institute
1990 - 1998	Cancer Epidemiology, Biomarkers and Prevention
1993 - 1998	Radiation Research
1998 - present	Journal of Radiological Protection (International Advisor)

## **COMMITTEES:**

1977 - 1980	National Council on Radiation Protection and Measurement (NCRP), Scientific Committee 56 on <u>Mammography</u> .
-------------	--

1978 - 1979	HEW Interagency Task Force on Radiation.
1978 - 1982	American Cancer Society, National Committee on Cancer Prevention and Detection.
1979 - present	NCRP, Scientific Committee 40 on <u>Biological Aspects for Radiation Protection Criteria</u> .
1980 - 1992	Oak Ridge Associated Universities' Epidemiology Advisory Committee for "Comprehensive Epidemiologic Study of DOE Atomic Workers".
1982	Co-chairman, NCI Conference on Radiation Carcinogenesis: Epidemiology and Biological Significance. Bethesda, Maryland, May 24-26, 1982.
1983 - 1992	NCRP, Scientific Committee 75 on <u>Guidance on Radiation Received in Space Activities</u> .
1984	Ad Hoc Committee on the Center for Human Radiobiology at Argonne National Laboratory, University of Chicago.
1986	Health Effects Subcommittee, President's Soviet Nuclear Accident Task Force.
1987 - 1988	NCRP, Program Committee, 1988 Annual Meeting on <u>Radon</u> .
1988 - 1994	NCRP, Scientific Committee 1 on <u>Basic Radiation Protection Criteria</u> .
1988 - 1990	Nuclear Regulatory Commission Ad Hoc Oversight Committee on Registry of Radiation Workers.
1989	Commission of the European Communities, International Panel of Independent Experts on the Feasibility of Studies on Health Effects due to the Reactor Accident at Chernobyl.
1990 - 1995	NCRP, Board of Directors.
1990	Chairman, Panel Discussion on Radiation Epidemiology 15th International Cancer Congress, Hamburg.
1990 - 1991	Program Committee, NCRP 1991 Annual Meeting on <u>Genes, Cancer and Radiation Protection</u> .
1992 - 1994	Program Committee, Commission of the European Communities, Symposium on the "Health Effects of Internally Deposited Radionuclides: Emphasis on Radium and Thorium."
1994	Chairman, Symposium on Epidemiological Studies in Radiation-Induced Cancer in Humans with Emphasis on Low Dose Irradiation. 16th International Cancer Congress, New Delhi, India.
1994 - 1996	Program Chairman, NCRP 1996 Annual Meeting on <u>Implication of New Cancer Data on Risk</u> .
1994 - 1995	Chairman, Symposium on the Risks of Radiation Compared to Other Environmental Hazards. 10th International Congress of Radiation Research, Würzburg, Germany.
1997	Naval Medical Research Institute Review Panel for "International Consortium for Research on the Health Effects of Radiation (Chernobyl)".
1998	Review Panel. Work of the Medical Department. National Radiological Protection Board, Chilton, England.
1998	Radiation Work Group. From Epidemiology to Policy. Johns Hopkins University. Center for Epidemiology and Policy.
1997 - 1999	International Programme Committee for the 11th International Congress on Radiation Research, Dublin July 1999
1998-1999	International Agency for Research on Cancer Monographs Working Group on Foreign Bodies, Surgical Implants and Prosthetic Devices
1998-2000	International Agency for Research on Cancer Monographs Working Group on Ionizing Radiation
1994 - present	Steering Committee, Childhood Cancer Survivor Study, University of Minnesota.
1996 - present	Advisory Committee for the Harvard Center for Radiation and Health.

1998 - present	Consultant, Mt. Sinai School of Medicine, Radiation, ATM and Breast Cancer.
1999	Consultant, NASA Life Sciences Radiation Health Program.
1999	Consultant, U.S. Army Medical Research and Material Command, 1999 Breast Cancer Research Program, 1999.
2000	Consultant, Atomic Energy Control Board, Canada
2000	Naval Medical Research Institute Review Panel for International Consortium for Research on the Health Effects of Radiation (Chernobyl)
1999 - present	Consultant, National Academy of Sciences Committee on the Health Risks from Exposure to Low Levels of Ionizing Radiation (BEIR VII).
2000 - present	Scientific Advisory Board, Institute of Cancer Epidemiology, Danish Cancer Society
1993 - present	U.S. Delegation to the 42nd - 50th Sessions of the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) .

## AWARDS:

1967	<u>Outstanding Physics Student</u> . University of Texas at El Paso.
1976	<u>Prize paper</u> entitled "X-ray exposure and breast cancer." Society for Epidemiologic Research.
1977	Public Health Service <u>Commendation Medal</u> in recognition of a "significant epidemiologic contribution in the area of breast cancer risk from medical radiation."
1978	<u>Outstanding Ex-Student</u> . Bel Air High School (El Paso, Texas).
1980	USPHS Professional Association's <u>J.D. Lane Award</u> for paper entitled "Leukemia after Radiation Therapy for Cervical Cancer." This award is made to outstanding investigators for the most significant contributions in original health research."
1981	Public Health Service <u>Commendation Medal</u> "for substantial epidemiologic contributions that have clarified the role of low-level radiation in the origins of human cancer."
1987	Public Health Service <u>Meritorious Service Medal</u> "for development of a productive and imaginative program of epidemiologic research that has clarified the role of ionizing radiation in cancer causation."
1988	Pediatric Orthopaedic Society of North America's Burr H. Curtis, M.D. <u>Pioneer Award</u> for "the outstanding clinical scientific paper at the 1988 Annual Meeting entitled, 'Breast Cancer Risk in Scoliotic Women.'"
1990	Public Health Service <u>Unit Commendation Medal</u> "for innovative studies on the risk of cancer following radiation exposure."
1990	Public Health Service <u>Foreign Duty Service Ribbon</u> (Denmark).
1991	Public Health Service <u>Distinguished Service Medal</u> "for outstanding achievements in directing an international epidemiologic research program that has advanced our understanding of cancer risks following radiation exposures."
1991	Public Health Service <u>Foreign Duty Service Ribbon</u> (Israel).
1992	Public Health Service <u>Outstanding Unit Citation</u> "for ground breaking studies of late health effects following radiation and drug treatments for cancer, providing insights valuable for clinical decision making and understanding carcinogenesis."
1994	Public Health Service <u>PHS Citation</u> "for epidemiologic investigations that have clarified the risk of cancer in populations living near nuclear facilities in the United States."

1994	Association of Military Surgeons of the United States <u>Gorgas Medal</u> "for his seminal epidemiologic research which has elucidated the cancer-causing effects of ionizing radiation and has generated preventive measures leading to reduction of radiation-related cancers in occupational, environmental and medical settings."
1995	University of Texas at El Paso, College of Science <u>Gold Nugget award</u> to recognize "a person distinguished in his profession and a person of such integrity, stature and demonstrated ability that the faculty, staff, students and alumni will take pride in and be inspired by his recognition."
1995	Department of Energy <u>E.O. Lawrence</u> award "for his contributions to the epidemiology of radiation-induced cancer in populations worldwide exposed to medical, occupational, military and environmental radiation, leading to increased understanding of risk estimates for cancer caused by radiation."
1999	University of Texas at El Paso <u>Distinguished Alumnus</u> for 1999.

### SELECTED PRESENTATIONS:

- |      |  |
|------|--|
| 1972 | <ol style="list-style-type: none"> <li>1. "Bureau of Radiological Health feasibility study of implementing the elective booking method.", Radiological Society of North American 58th Scientific Assembly and Annual Meeting, Chicago, Illinois, November, 1972.</li> <li>2. "Exposure of potentially pregnant women to diagnostic x-rays." Health Physics Society, Seventh Midyear Topical Symposium on Health Physics in the Healing Arts, San Juan, Puerto Rico, December 11-14, 1972.</li> </ol>   |
| 1973 | <ol style="list-style-type: none"> <li>3. "X-ray exposure during pregnancy." Peter Bent Brigham Hospital, Boston, Massachusetts, February, 1973.</li> </ol>  |
| 1974 | <ol style="list-style-type: none"> <li>4. "Effects of low level radiation." Massachusetts Nuclear Power Commission, Boston, Massachusetts, November, 1974.</li> </ol>  |
| 1975 | <ol style="list-style-type: none"> <li>5. "Breast cancer among irradiated tuberculosis patients." Bureau of Radiological Health Seminar, Rockville, Maryland, December, 1975.</li> </ol>   |
| 1976 | <ol style="list-style-type: none"> <li>6. <u>PRIZE PAPER PRESENTATION</u>. "X-ray exposure and breast cancer." 9th Annual Meeting of Society for Epidemiologic Research, Toronto, Ontario, June 15-19, 1976.</li> <li>7. "Reconstruction of breast doses from pneumothorax fluoroscopies in Massachusetts, 1930-1954." 21st Annual Meeting of the Health Physics Society, San Francisco, California, July 1, 1976.</li> </ol>  |
| 1977 | <ol style="list-style-type: none"> <li>8. "Fluoroscopy and breast cancer." George Washington University Seminar in Radiation Biology, Washington DC, March 1977.</li> <li>9. "Breast cancer following multiple fluoroscopies." Washington, D.C. Medical Society, Washington, D.C., March 1977.</li> <li>10. "Cancer of the breast following multiple fluoroscopic chest examinations." 12th Annual Meeting of the United States Public Health Service Professional Association, San Francisco, California, April 3-6, 1977.</li> <li>11. "Epidemiologic analysis with the HP-67 programmable calculator." (Poster session). 10th Annual Meeting of the Society for Epidemiologic Research, Seattle, Washington, June 15-17, 1977.</li> </ol> |
| 1978 | <ol style="list-style-type: none"> <li>12. "Radiation carcinogenesis." Harvard School of Public Health, Dept. of Epidemiology, Boston, MA, February 15, 1978.</li> <li>13. "Interaction between radiation and other breast cancer risk factors." International Atomic Energy Agency Symposium on the Late Biological Effects of Ionizing Radiation, Vienna, Austria, March 13-17, 1978.</li> <li>14. "Radiation-induced breast cancer." International Agency for Research on Cancer, Lyon, France, March 21, 1978.</li> </ol>  |

15. "Interaction between radiation and breast cancer risk factors." Oxford University, Oxford, England, March 23, 1978.
16. "Isoniazid and cirrhosis mortality." 11th Annual Meeting of the Society for Epidemiologic Research, Iowa City, Iowa, June 14-16, 1978.
17. "Breast cancer following multiple chest fluoroscopies in women with tuberculosis." University of Maryland, Department of Social and Preventive Medicine, Baltimore, Maryland, July 10, 1978.
18. "Influence of host factors on radiation risk." NIH Workshop on "Where we stand on image optimization and dose reduction in mammography," Bethesda, Maryland, August 8-9, 1978.
19. "Breast cancer after multiple fluoroscopies in women with tuberculosis." University of North Carolina at Chapel Hill, Department of Epidemiology, Chapel Hill, North Carolina, September 13, 1978.
20. "Multiple chest fluoroscopies and the risk of breast cancer." XII International Cancer Congress Symposium on Physical Oncogenesis, Buenos Aires, Argentina, October 5-11, 1978.
21. "Epidemiologic studies of radiation and cancer." Government Accounting Office Committee on Radiation Risk Evaluation. Washington, D.C., October 24, 1978.
- 1979 22. "A basic approach to controlling confounding and estimating risks." Center for Disease Control, Preventive medicine retreat on advanced epidemiologic techniques, Atlanta, Georgia, February 22, 1979.
23. "Radiation carcinogenesis" and "Radiation-induced breast cancer and aging." Harvard School of Public Health, Department of Epidemiology, Boston, Massachusetts, February 27-28, 1979.
24. "Leukemia following radiotherapy for cervical cancer." 6th International Congress of Radiation Research, Tokyo, Japan, May 12-20, 1979.
25. "Breast cancer following repeated chest fluoroscopies." Bureau of Radiological Health (FDA) Symposium on Biological Effects, Imaging Techniques and Dosimetry of Ionizing Radiation, Rockville, Maryland, June 6-8, 1979.
26. "Leukemia following radiotherapy for cervical cancer." 12th Annual Meeting of the Society for Epidemiologic Research, New Haven, Connecticut, June 13-15, 1979.
27. "Studies of exposure to medical and occupational radiation." NIH Science Writers Seminar, Bethesda, MD, Sept 17, 1979.
28. "Epidemiology of radiation diseases." Howard University, College of Medicine, Washington, D.C., November 28, 1979.
- 1980 29. "Radiation carcinogenesis." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 4, 1980.
30. "Radiation-induced cancer." American Cancer Society National Conference on Cancer Prevention and Detection, Chicago, Illinois, April 17-19, 1980.
31. "Cancer risks following medical irradiation." 51th Meeting of the Interagency Collaborative Group on Environmental Carcinogenesis, Bethesda, Maryland, May 21, 1980.
32. J.D. Lane Award. "Leukemia after radiation therapy for cervical cancer." 15th Annual Meeting of the United States Public Service Professional Association, Houston, Texas, May 27-29, 1980.
33. "Cancer following medical irradiation." University of Minnesota, Department of Epidemiology, Minneapolis, Minnesota, June 3, 1980.
34. "Cancer following medical irradiation." M.D. Anderson Research Seminar Series, Houston, Texas, June 12, 1980.

35. "Radiogenic breast cancer: Age effects and implications for models of human carcinogenesis." 1980 International Symposium on Cancer, New York City, New York, September 14-18 1980.
36. "Epidemiology aspects of low dose radiation exposure: Emphasis on occupational settings." University of North Carolina at Chapel Hill, Department of Epidemiology, Chapel Hill, North Carolina, November 12, 1980.
37. "An overview of cancer following medical irradiation." Danish Society for Cancer Research, Copenhagen, Denmark, Dec 18, 1980.
- 1981 38. "Radiation carcinogenesis." Harvard School of Public Health, Department of Epidemiology, Boston, Massachusetts, February 24, 1981, April 15, 1981.
39. "Risk estimates for breast", 17th Annual Meeting of the National Council on Radiation Protection and Measurements, Washington, D.C., April 8-9, 1981.
40. "Leukemia following alkylating agent therapy for ovarian cancer." 14th Annual Meeting of the Society for Epidemiologic Research, Snowbird, Utah, June 17-19, 1981 (proxy).
41. "Somatic effects and risk." Radiological Health for Radionuclide Users, NIH course, Bethesda, Maryland, July 15, 1981.
42. "The induction of breast cancer." President-elect's Symposium: Diagnosis and Treatment of Breast Disease. 23rd Annual Meeting of the American Association of Physicists in Medicine, Boston, Massachusetts, August 9-13, 1981.
43. "Research on medical radiation." 59th meeting of the Interagency Collaborative Group on Environmental Carcinogenesis, Bethesda, Maryland, September 9, 1981.
44. "Cancer following irradiation in childhood." 84th Ross Conference on Pediatric Research, Tarpon Springs, Florida, December 10-13, 1981.
- 1982 45. "Radiation carcinogenesis." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 16, 1982.
46. "International radiation study of cervical cancer." DOE Contractor's Workshop, Rockville, MD, April 13-14, 1982.
47. "Cancer following cervical cancer irradiation." NCI Conference on Radiation Carcinogenesis: Epidemiology and Biological Significance, Bethesda, Maryland, May 24-26, 1982.
- 1983 48. "Radiation carcinogenesis." Harvard School of Public Health, Department of Epidemiology, Boston, Massachusetts, March 8, 1983, April 20, 1983.
49. "Cancer risk following radiotherapy of cervical cancer." 56th Annual Meeting of the American Epidemiological Society, Tucson, Arizona, March 24-25, 1983.
50. "Risk of neoplasms following radiation treatment in infancy for thymic enlargement." Discussant of plenary session paper by N.G. Hildreth, R.E. Shore and L.H. Hempelmann. 16th Annual Meeting of the Society for Epidemiologic Research, Winnipeg, Canada, June 15-17, 1983.
51. "Epidemiology of radiation-induced cancers" and "Leukemia following cancer therapy." The Johns Hopkins University, School of Hygiene and Public Health, 1st Graduate Summer Program in Epidemiology, Baltimore, Maryland, June 29, 1983.
52. "Cancer risk following radiotherapy of cervical cancer." (Poster session). 7th International Congress of Radiation Research, Amsterdam, The Netherlands, July 3-8, 1983.
53. "Cancer following medical irradiation." Grand Rounds, Memorial Sloan Kettering Cancer Center, October 28, 1983.
- 1984 54. "Epidemiology and tumor promotion" and "Cancer risk following radiotherapy of cervical cancer." Harvard School of Public Health, Department of Epidemiology, Boston, Massachusetts, February 27, 1984, April 18, 1984.

55. "Cancer following medical irradiation." Symposium on "Radiation Carcinogenesis and Risk Assessment." 8th Annual Meeting of the American Society of Preventive Oncology, Bethesda, Maryland, March 20-21, 1984.
56. "Absolute and relative risk models." 20th Annual Meeting of the National Council on Radiation Protection and Measurements, Washington, D.C., April 4-5, 1984.
57. "Cancer risk following radiotherapy of cervical cancer." Yale University, Department of Epidemiology, New Haven, Connecticut, April 11, 1984.
58. "Second cancer following radiotherapy for cervical cancer." Israeli Epidemiology Society Workshop, Tel Aviv, Israel, May 22, 1984.
59. "Epidemiology of radiation-induced cancers." The Johns Hopkins University, School of Hygiene and Public Health, 2nd Graduate Summer Program in Epidemiology, Baltimore, Maryland, June 25, 1984.
60. "Second cancers following radiation treatment for cervical cancer." Environmental Research Division, Argonne National Laboratory, Argonne, Illinois, July 2, 1984.
61. "An approach to establishing a retrospective State Death Index (SDI)." Annual Meeting of the Association for Vital Records and Health Statistics, Niagara Falls, New York, July 11, 1984.
- 1985 62. "Cancer following medical irradiation." Roswell Park Memorial Institute Oncology Seminar Series, Buffalo, New York, Feb 19, 1985.
63. "Radiation-induced cancer." The Johns Hopkins Oncology Seminar Series, Baltimore, Maryland, March 5, 1985.
64. "Radiation and cancer" and "Leukemia following cancer chemotherapy." Harvard School of Public Health, Department of Epidemiology, Boston, Massachusetts, March 11, 1985, May 15, 1985.
65. "Cancer following occupational irradiation." University of Minnesota, Minneapolis, Minnesota, April 8, 1985.
66. "NCI studies of chemotherapy induced leukemia." Dansk Selskab for Cancerforskning (No. 211), Kobenhavn, Denmark, May 20, 1985. (Danish Society for Cancer Research).
67. "Cancer following medical irradiation." Interdisciplinary Cancer Conference, College of Physicians & Surgeons of Columbia University, New York, June 7, 1985.
68. "Radiation and cancer." The Johns Hopkins University School of Hygiene and Public Health, 3rd Graduate Summer Program in Epidemiology, Baltimore, Maryland, July 3, 1985.
69. "Personal computers in epidemiology." Israeli Epidemiology Society Workshop, Tel Hashomer, Israel, August 6, 1985.
70. "Overview of NCI studies of radiation carcinogenesis." Radiation Effects Research Foundation, Hiroshima, Japan, Sept 17, 1985.
71. "Multiple primary cancer in Connecticut, 1935-82." International Association of Cancer Registries Annual Meeting. Hartford, Connecticut, December 10-12, 1985.
- 1986 72. "Radiation and cancer" and "Second cancers following radiation treatment for cervical cancer." Harvard School of Public Health, Department of Epidemiology, Boston, Massachusetts, March 18, 1986, May 14, 1986.
73. "Secondary malignancy - incidence, etiology and predictability." Symposium chairman. 34th Annual Scientific Meeting of the Radiation Research Society. Las Vegas, Nevada, April 12-17, 1986.
74. "Carcinogenesis - A synopsis of human experience with external exposure." Symposium on Radiation Carcinogenesis and Associated Dosimetry, Memorial Sloan-Kettering Cancer Center. New York, New York, April 28, 1986.



75. "Radiation and cancer." The Johns Hopkins University School of Hygiene and Public Health, 4th Graduate Summer Program in Epidemiology, Baltimore, Maryland, June 30, 1986.
76. "Radon--an overview." Division of Cancer Etiology, National Cancer Institute, Board of Scientific Counselors Meeting, Bethesda, Maryland, October 23, 1986.
- 1987 77. "Radiation and cancer" and "Radon exposure and lung cancer risk." Harvard School of Public Health, Department of Epidemiology, Boston, Massachusetts, March 24, 1987, May 27, 1987.
78. "Radon--an overview." University of Minnesota, Minneapolis, Minnesota, March 31, 1987.
79. "Radiation epidemiology of medically treated populations." Symposium on Epidemiology of Low-Level Radiation. 20th Annual Meeting of the Society for Epidemiologic Research, Amherst, Massachusetts, June 16-19, 1987.
80. "Radiation and cancer." The Johns Hopkins University School of Hygiene and Public Health, 5th Graduate Summer Program in Epidemiology, Baltimore Maryland, July 6, 1987.
81. "Radon and lung cancer risk." Keynote Lecture. Annual Meeting of the International Association of Cancer Registries, Copenhagen, Denmark, August 5-7, 1987.
82. "Radiation and thyroid cancer." Minisymposium. 62nd Annual Meeting of the American Thyroid Association, Washington, D.C., September 16-19, 1987.
83. "Radiation dose and leukemia risk in patients treated for cancer of the cervix." 22nd Annual Meeting of the USPHS Professional Association, Las Vegas, Nevada, November 8-12, 1987.
84. "Radiation and cancer." Johns Hopkins University, Department of Epidemiology, Baltimore, Maryland, December 18, 1987.
- 1988 85. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 15, 1988.
86. "Health effects of radon exposure." National Cancer Advisory Board, Bethesda, Maryland, May 8, 1988.
87. "Radiation and cancer." Division of Epidemiology, Uniformed Services University of the Health Sciences, Bethesda, Maryland, July 28, 1988.
88. "Environmental hazards - the risk of radiation exposure." Johns Hopkins University, Department of Epidemiology, Baltimore, Maryland, December 7, 1988.
89. "Research activities on radon." DHHS Committee to Coordinate Environmental and Health Related Problems, Atlanta, Georgia, December 9, 1988.
90. "Radiation, radon and cancer." Cancer Prevention and Control Academic Program. Bethesda, MD, December 12, 1988.
- 1989 91. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 7, 1989.
92. "Radon and lung cancer risk." National Institutes of Health, Clinical Center Grand Rounds, Bethesda, MD, May 17, 1989.
93. "Risk of radiation exposure." The Johns Hopkins University School of Hygiene and Public Health, 7th Graduate Summer Program in Epidemiology, Baltimore, Maryland, June 28, 1989.
94. "Radiation, radon and cancer." Cancer Prevention and Control Academic Program. Bethesda, Maryland, October 25, 1989.
- 1990 95. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 13, 1990.
96. "Epidemiology of radiation-induced thyroid cancer." National Institutes of Health, Clinical Staff Conference, Bethesda, Maryland, March 28, 1990.

97. "Epidemiology studies and cancer clusters." 26th Annual Meeting of the National Council on Radiation Protection and Measurements, Washington, D.C., April 4-5, 1990.
98. "Risk of radiation exposure." The Johns Hopkins University School of Hygiene and Public Health, 8th Graduate Summer Program in Epidemiology, Baltimore, Maryland, July 3, 1990.
99. "Recent studies of radiation-induced cancer in man." 15th Int Cancer Congress, Hamburg, Germany, August 16-22, 1990.
100. "Radiation, radon and cancer." Cancer Prevention and Control Academic Program, Bethesda, Maryland, August 24, 1990.
101. "Studies of cancer in populations living near nuclear facilities in the U.S." 75th Regular Meeting of the National Cancer Advisory Board, Bethesda, Maryland, October 1, 1990.
102. "Radiation-induced cancer." Johns Hopkins University, Department of Epidemiology, Baltimore, MD, November 26, 1990.
- 1991 103. "Health risks of populations living in proximity to nuclear power plants." Annual Winter Toxicology Forum, Washington, DC, February 20, 1991.
104. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, February 28, 1991.
105. "Risky genes. What do they mean?" 27th Annual Meeting of the National Council on Radiation Protection and Measurements, Washington, DC, April 3-4, 1991.
106. "Epidemiologic studies of radiation-induced leukemia." Leukemia: Advances in Biology and Therapy (UCLA Keystone Symposia), Big Sky, Montana, April 6-12, 1991.
107. "Radiation carcinogenesis: human epidemiology." Health Physics Society, Annual Summer School, Washington, DC, July 16, 1991.
108. "Radiation and non-Hodgkin's lymphoma." NCI Workshop on Time Trends for Non-Hodgkin's Lymphoma, Bethesda, MD, October 22-23, 1991.
- 1992 109. "Radiation exposure and cancer." Johns Hopkins University, Dept. of Epidemiology, Baltimore, MD, February 4, 1992.
110. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 5, 1992.
111. "Studies of persons exposed to medical or environmental radiation." Keynote speaker. International Conference on Effects of Low Dose Ionizing Radiation: Implications for Human Health, Bournemouth, United Kingdom, May 18-20, 1992.
112. "Epidemiologic and experimental basis for estimating low-dose carcinogenesis." Invited speaker. 39th Annual Meeting of the Society of Nuclear Medicine, Los Angeles, California, June 9-12, 1992.
113. "Radiation carcinogenesis: human epidemiology." NIH Radiation Safety -- Seminar Series, Bethesda, MD, August 11, 1992.
114. "Radiation epidemiologic studies." Health Physics Society, Baltimore-Washington Chapter, Rockville, MD, Oct 14, 1992.
- 1993 115. "Radiation exposure and cancer." Johns Hopkins University, Dept. of Epidemiology, Baltimore, MD, February 18, 1993.
116. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 4, 1993.
117. "Radiation and cancer." Ole Møller Jensen Memorial Symposium and The Danish Cancer Registry 50 years. Copenhagen, Denmark, May 28-29, 1993.
118. "Relative inducibility of human tumours by radiation." The Royal Society of Edinburgh International Conference on The Biological Effects of Low-Level Ionizing Radiation. Edinburgh, Scotland, July 1-2, 1993.

119. "NCI involvement in Chernobyl." National Cancer Advisory Board, Bethesda, MD, September 20, 1993.
120. "Second cancers following curative treatments." St. Vincent's Medical Center, Seminars for Continuing Medical Education. Jacksonville, Florida, October 8, 1993.
- 1994 121. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 1, 1994.
122. "Studies of Chernobyl workers." Harvard School of Public Health, Department of Epidemiology, Boston MA, March 2, 1994.
123. "Radiation." Moderator, President's Cancer Panel, National Cancer Institute, Bethesda, MD, Apr 7-8, 1994.
124. "Radiation epidemiology: an overview." 42nd Annual Meeting of the Radiation Research Society, Nashville, TN, Apr 29-May 4, 1994.
125. "Radiation epidemiology and carcinogenesis." Grand Rounds, Memorial Sloan Kettering Cancer Center, May 20, 1994.
126. "Radiation carcinogenesis - effects following irradiation during childhood and adolescence." 3rd International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Niagara Falls, NY, June 10-11, 1994.
127. "Radon and lung cancer." Graduate Summer Session in Epidemiology, University of Michigan, Ann Arbor, MI, July 20, 1994.
128. "Health studies of populations exposed to radiation." NATO/SCOPE -- RADTEST Advanced Research Workshop. Long-Term Consequences of Nuclear Tests for the Environment and Population Health (Semipalatinsk Test Site/Altai Case Study), Barnaul, Siberia, Russia, Sept 5-10, 1994.
129. "Epidemiological studies in radiation-induced cancer in man with emphasis on low dose irradiation" XVI International Cancer Congress, New Delhi, India, 30 Oct - 5 Nov 1994.
- 1995 130. "Electromagnetic fields (EMF) and cancer." 1995 Annual Winter Toxicology Forum, Washington DC, February 21, 1995.
131. "Carcinogenic effects of therapeutic radiation." Radiation Medicine Lecture Series. Georgetown University Medical Center, Washington DC, February 23, 1995.
132. "Radiation risk: What it means to you." National Institutes of Health, Clinical Center Grand Rounds, Bethesda MD, March 1, 1995.
133. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, March 7, 1995.
134. "Comparing low-level radiation with other hazards." 10th International Congress on Radiation Research, Würzburg, Germany, August 27-September 1, 1995.
135. "Radiation Epidemiology: Carcinogenesis." The Oxygen Club of Greater Washington, DC. Armed Forces Radiobiology Research Institute. Bethesda MD, November 7, 1995.
136. "Radiation Epidemiology." ILSI Risk Science Institute. Washington DC, November 14, 1995.
- 1996 137. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, February 27, 1996.
138. "Radiation epidemiology: past and present." 32nd Annual Meeting of the National Council on Radiation Protection and Measurements, Washington, D.C., April 3-4, 1996.
139. "Radiation and cancer." Department of Epidemiology, Johns Hopkins University, Baltimore, MD, April 10, 1996.
140. "Radiation epidemiology: from North Reading to the Atomic Lake." Divisions of Cancer Epidemiology and Genetics seminar series, Bethesda, MD, April 19, 1996.

141. "Advances in radiation epidemiology." National Radiological Protection Board, Chilton Seminar, Oxford, England, September 27, 1996.
142. "Molecular epidemiology and exposures to ionizing radiation." Health and the Work Environment Symposium, Harvard School of Public Health, Boston, MA, October 7-8, 1996.
143. "Radiation epidemiology." Naval School of Health Sciences, Bethesda, MD, October 16, 1996.
144. "Databases and infrastructure." Cancer Survivorship Meeting, National Cancer Institute, Bethesda, MD, November 4-5, 1996.
- 1997 145. "Radiation and cancer." Harvard School of Public Health, Department of Epidemiology, Boston, MA, February 13, 1997.
146. "Molecular epidemiology and ionizing radiation." Radiation Effects Research Foundation, Hiroshima, Japan, February 26, 1997.
147. "Radiation epidemiology in risk assessment." Seminar of Radiation Research in honor of Professor Tapio Rytömaa, Finnish Centre for Radiation and Nuclear Safety, Helsinki, Finland, February 28, 1997.
148. "Advances in radiation epidemiology." National Institutes of Health, Clinical Center Grand Rounds, Bethesda, MD, March 5, 1997.
149. "Radiation epidemiology of cancer." Blood Club Seminar, Case Western Reserve University / Ireland Cancer Center, Cleveland, OH, March 14, 1997. (Guest Professor in Division of Hematology/Oncology and the CWRU Ireland Cancer Center).
150. "Risks of childhood and adult cancers following intrauterine exposure to ionizing radiation." 33rd Annual Meeting of the National Council on Radiation Protection and Measurements, Arlington, Virginia, April 2-3, 1997.
151. "Patterns of second cancers." Symposium 6: Epidemiology and Pathogenesis of Secondary Cancers. 88th Annual Meeting of the American Association for Cancer Research, San Diego, California, 12-16 April 1997.
152. "Occupational and environmental radon exposures." Harvard School of Public Health, Department of Environmental Health, Boston, MA, April 23, 1997; August 14, 1997.
153. "Radiation epidemiology: the past is prologue to the 21st century." Keynote address. 3rd International Conference on Health Effects of Low Dose Radiation: Challenges for the 21st Century, Stratford-upon-Avon, England, 11-14 May 1997.
154. "Low level radiation effects and biodosimetry." Presentation for Panel on Health Effects at the Crossroads during Department of Energy and National Research Council symposium on "Serving Science and Society into the New Millennium," Washington, D.C., 21-22 May 1997.
155. "Radiation epidemiology: recent findings and methodology." Nuclear Regulatory Commission technical seminar series, Rockville, MD, 29 May 1997.
156. "Second cancers following treatment for retinoblastoma." The Impact of Biology on Risk Assessment. Commission on Life Sciences/Board on Radiation Effects Research, National Academy of Sciences, Washington, D.C., 21-22 July 1997.
157. "Radiation epidemiology". Medical Effects of Nuclear Weapons. Armed Forces Radiobiology Research Institute, Rockville, MD, 25-28 August 1997.
158. "Environmental radiation and breast cancer." Panel Discussion. Third Annual Advisory Committee Meeting of the Long Island Breast Cancer Study Project (LIBCSP). Hauppauge, New York, 22-24 September 1997.
- 1998 159. "Joint analysis of underground miners and risks of radon-induced lung cancer". Exposition au radon dan les habitations: evaluation et gestion du risque.? Société Française de Radioprotection. Paris, France, 2-3 February 1998.

160. "Extrapolation of the dose-response relationship for public health evaluation." Exposition au radon dan les habitations: evaluation et gestion du risque.? Société Française de Radioprotection. Paris, France, 2-3 February 1998.
161. "Contribution of post-radiotherapy follow-up of cancer patients to risk estimation: recent results". Institut de Protection et de Surete Nucleaire (IPSN). Fontenay Aux Roses, France, 4 February 1998.
162. "Radiaton epidemiology". Harvard School of Public Health, Department of Epidemiology, Boston, MA, 10 February, 1998.
163. "Epidemiologic studies of commercial aircraft crews." 34th Annual Meeting of the National Council on Radiation Protection and Measurements. Arlington, Virginia, 1-2 April 1998.
164. "Occupational and environmental radon exposures." Harvard School of Public Health, Department of Environmental Health, Boston, MA, April 15, 1998.
165. "Epidemiologic investigations of the adverse effects of exposure to radiation." Inaugural Symposium for the John B. Little Center for Radiation Science and Environmental Health, Harvard School of Public Health, Boston, MA, October 16-17, 1998.
- 1999 166. "Radiation epidemiology in the 21st century." University of Pittsburgh, Dept. of Environmental and Occupational Health, Pittsburgh, PA, January 28, 1999.
167. "Radiation and cancer". Harvard School of Public Health, Department of Epidemiology, Boston, MA, Mar 9, 1999.
168. "Occupational and environmental radon exposures." Harvard School of Public Health, Department of Environmental Health, Boston, MA, March 10, 1999.
169. "Second cancers after radiotherapy". 11<sup>th</sup> International Congress on Radiation Research, Dublin, Ireland, July 18-23, 1999.
170. "Epidemiology that should be considered by BEIR VII". Committee on the Health Risks from Exposure to Low Levels of Ionizing Radiation (BEIR VII - Phase 2), Washington DC, September 2, 1999.
171. "Second cancers after radiotherapy". The Vincent P. Collins Symposium, University of Texas Medical Branch, Galveston, Texas, October 29-30, 1999.
- 2000 172. "Radiation and cancer". Harvard School of Public Health, Department of Epidemiology, Boston, MA, Mar 8, 2000.
173. "Genetic and reproductive outcomes among survivors of childhood cancer." MD Anderson Cancer Center, Genetics and Cancer Program, Houston, TX, Mar 27, 2000.
174. "Adverse reproductive outcomes among survivors of childhood cancer." Vanderbilt-Ingram Cancer Center, Nashville, TN, May 16, 2000.
175. "Radiation and breast carcinogenesis." 6th International Conference on Long-Term Complications of Treatment of Children & Adolescents for Cancer, Niagara-on-the-Lake, Ontario, Canada, June 23-24, 2000.
176. "Current and future research in radiation epidemiology". Gordon Research Conference on Nuclear Waste and Energy, Colby-Sawyer College, New London, NH, July 16-21, 2000.
177. "Long-term consequences of radiation therapy: secondary cancers." Third Annual Symposium for the John B. Little Center for Radiation Science & Environmental Health, Harvard School of Public Health, Boston, MA, Oct 20-21, 2000.
178. "Unsolved problems and opportunities in radiation epidemiology." Radiation Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Rockville, MD, Nov 8, 2000.
179. "The UNSCEAR 2000 Report - United Nations Scientific Committee on the Effects of Atomic Radiation." Press Briefing, National Press Club, Washington DC, Dec 18, 2000.

- 2001      180. "Radiation and cancer". Harvard School of Public Health, Department of Epidemiology, Boston, MA, Feb 20, 2001.
181. "What do therapy studies reveal about carcinogenesis?" Radiation Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Rockville, MD, Feb 21, 2001.
182. "Adverse pregnancy outcomes among survivors of childhood cancer." Annual Meeting of the Childhood Cancer Survivor Study, Baltimore, MD, Apr 29-30, 2001.
183. "Radiation and oncogenesis. Long term risk assessment." The Scientific, Domestic and International Challenges of Weapons of Mass Destruction and Terror. Part II: Nuclear, Radiological, High Explosives, Chemical Agents, and Unusual Weapons. Uniformed Services University of the Health Sciences, Bethesda, MD, Oct 9, 2001.
184. "Genetic effects of radiotherapy for childhood cancer." Westlakes Research Institute, Postgraduate Centre, Cumbria, England, Dec 12, 2001.
185. "Genetic effects of radiotherapy for childhood cancer." COMARE, Committee on the Medical Aspects of Radiation Effects, London, England, Dec 13, 2001.
- 2002      186. "Genetic effects following radiotherapy for childhood cancer — a study overview and CCSS." Genetic Effects Following Radiotherapy for Childhood Cancer – Epidemiologic and Molecular Investigations, Mini-symposium, Danish Cancer Society, Copenhagen, Denmark, Jan 29, 2002.
187. "Radiation and cancer". Harvard School of Public Health, Department of Epidemiology, Boston, MA, Feb 19, 2002.
188. "Ionizing radiation and Cancer". California State University at Northridge, Environmental and Occupational Epidemiology, Northridge, CA, Mar 12, 2002.
189. "Texas Western College and the game that changed basketball history in 1966". Fordham University, New York City, NY, Mar 21, 2002.
190. "Genetic effects following radiotherapy for childhood cancer." 38th Annual Meeting of the National Council on Radiation Protection and Measurements, Arlington, Virginia, April 10-11, 2002.
191. "Radiation carcinogenesis, radiation risk and risk analysis." Department of Radiology and Radiological Sciences. Uniformed Services University of the Health Sciences, Apr 25, 2002.

## BIBLIOGRAPHY:

- 1968 1. Tatarczuk JR, Block RC, Moyer WR, **BOICE J.**  
Resonance neutron-capture gamma rays from  $^{186}\text{W}(n, \gamma)$ .  
*Bull Am Phys Soc* 13:1392, 1968
- 1969 2. Block RC, Moyer WR, Tatarczuk JR, Byoun TY, Stieglitz RG, **BOICE J,**  
Hockenbury RW.  
KeV neutron capture and transmission measurements in  $^{60}\text{Ni}$  and V.  
*Bull Am Phys Soc* 14:495, 1969
- 1972 3. Hockenbury RW, **BOICE JD,** Moyer WR, Block RC.  
Resonance parameters of  $^{240}\text{Pu}$  from 20 to 500 eV.  
In: *Neutron Cross Section and Technology, Vol 2.*  
Conf-710301.  
Springfield, VA: Natl Tech Info Service, US Dept Commerce, 1972, p. 721
- 1973 4. **BOICE JD JR,** Burnett BM.  
Considerations of possible pregnancy in the use of diagnostic x-rays.  
In: *Health Physics in the Healing Arts.*  
DHEW Publ (FDA) 73-8029.  
Washington, DC: US Govt Print Off, 1973, pp. 596-604
- 1977 5. **BOICE JD JR,** Monson RR.  
Breast cancer in women after repeated fluoroscopic examinations of the chest.  
*J Natl Cancer Inst* 59:823-832, 1977
- 1978 6. **BOICE JD JR.**  
Follow-up methods to trace women treated for pulmonary tuberculosis, 1930-1954.  
*Am J Epidemiol* 107:127-139, 1978
7. **BOICE JD JR.**  
Dose-response relationship in radiogenic breast cancer [Letter].  
*J Natl Cancer Inst* 60:729-730, 1978
8. **BOICE JD JR,** Rosenstein M, Trout ED.  
Estimation of breast doses and breast cancer risk associated with repeated  
fluoroscopic chest examinations of women with tuberculosis.  
*Radiat Res* 73:373-390, 1978
9. **BOICE JD JR,** Stone BJ.  
Interaction between radiation and other breast cancer risk factors.  
In: *Late Biological Effects of Ionizing Radiation, Vol 1.*  
Vienna: International Atomic Energy Agency, 1978, pp. 231-249
- 1979 10. **BOICE JD JR.**  
Multiple chest fluoroscopies and the risk of breast cancer.  
In: *Advances in Medical Oncology, Research and Education, Vol 1. Carcinogenesis*  
(Margison GP, ed).  
Oxford: Pergamon Press, 1979, pp. 147-156
11. **BOICE JD JR,** Land CE.  
Adult leukemia following diagnostic x-rays?  
*Am J Public Health* 69:137-145, 1979
12. **BOICE JD JR,** Land CE, Shore RE, Norman JE, Tokunaga M.  
Risk of breast cancer following low-dose radiation exposure.  
*Radiology* 131:589-597, 1979
13. *Report of the Working Group on Science of the Interagency Task Force on the Health  
Effects of Ionizing Radiation.*  
Washington, DC: Dept Health, Education and Welfare, 1979 (Member of Working  
Group)

14. Rothman KJ, **BOICE JD JR**.  
*Epidemiologic Analysis with a Programmable Calculator*  
NIH Publ 79-1649.  
Washington, DC: US Govt Print Off, 1979, p. 142
- 1980 15. Beahrs OH, Upton AC, Land CE, Beebe GW, **BOICE JD JR**, Schneiderman MA, Sloan MH.  
Irradiation to the head and neck area and thyroid cancer.  
*JAMA* 244:337-338, 1980
16. **BOICE JD JR**.  
Breast cancer following repeated chest fluoroscopies.  
In: *Symposium on Biological Effects, Imaging Techniques and Dosimetry of Ionizing Radiation, June 6-8, 1979*  
DHHS Publ (FDA) 80-8126.  
Rockville, MD: Bureau of Radiological Health, 1980, pp. 56-64
17. **BOICE JD JR**.  
Techniques for detecting and determining risks from low-level radiation.  
*Am J Forensic Med Path* 1:319-323, 1980
18. **BOICE JD JR**, Fraumeni JF Jr.  
Late effects following isoniazid therapy.  
*Am J Public Health* 70:987-989, 1980
19. **BOICE JD JR**, Greene MH, Keehn RJ, Higgins GA, Fraumeni JF Jr.  
Late effects of low-dose adjuvant chemotherapy in colorectal cancer.  
*J Natl Cancer Inst* 64:501-511, 1980
20. **BOICE JD JR**, Hutchison GB.  
Leukemia in women following radiotherapy for cervical cancer: Ten-year follow-up of an international study.  
*J Natl Cancer Inst* 65:115-129, 1980
21. Land CE, **BOICE JD JR**, Shore RE, Norman JE, Tokunaga M.  
Breast cancer risk from low-dose exposures to ionizing radiation: Results of a parallel analysis of three exposed populations of women.  
*J Natl Cancer Inst* 65:353-376, 1980
22. Hempelmann LH Jr, **BOICE JD JR**, Bond VP, Dodd G, Hodges P, Land C, Lester R, Rothenberg L, Shellabarger CJ, Shore R, Weber DA, Yuhas J.  
*Mammography*.  
NCRP Report No. 66.  
Washington, DC: National Council of Radiation Protection and Measurements, 1980, p. 85
- 1981 23. **BOICE JD JR**.  
Cancer following medical irradiation.  
*Cancer* 47:1081-1090, 1981
24. **BOICE JD JR**, Hoover RN.  
Radiogenic breast cancer: Age effects and implications for models of human carcinogenesis.  
In: *Cancer: Achievements, Challenges, and Prospects for the 1980s, Vol 1* (Burchenal JH, Oettgen HF, eds).  
New York: Grune & Stratton 1981, pp. 209-221
25. **BOICE JD JR**, Monson RR, Rosenstein M.  
Cancer mortality in women after repeated fluoroscopic examinations of the chest.  
*J Natl Cancer Inst* 66:863-867, 1981
26. Kantor AF, Greene MH, **BOICE JD JR**, Fraumeni JF Jr, Flannery JT.  
Are vinca alkaloids associated with myocardial infarction?  
*Lancet* 1:1111, 1981



- 1982     27.    **BOICE JD JR.**  
Cancer following irradiation in childhood.  
In: *Chemical and Radiation Hazards to Children* (Finberg L, ed).  
Columbus, OH: Ross Laboratories, 1982, pp. 79-88
28.    **BOICE JD JR.**  
International radiation study of cervical cancer.  
In: *DOE Radiation Epidemiology Contractor's Workshop, April 13-14, 1982*  
DE82014065.  
Springfield, VA: Natl Tech Info Service, 1982
29.    **BOICE JD JR.**  
Risk estimates for breast.  
*NCRP Proc* 3:164-181, 1982
30.    **BOICE JD JR**, Land CE.  
Ionizing radiation.  
In: *Cancer Epidemiology and Prevention* (Schottenfeld D, Fraumeni JF Jr, eds).  
Philadelphia, PA: W B Saunders, 1982, pp. 231-253
31.    Fraumeni JF Jr, **BOICE JD JR.**  
Bone.  
In: *Cancer Epidemiology and Prevention* (Schottenfeld D, Fraumeni JF Jr, eds).  
Philadelphia, PA: W B Saunder, 1982, pp. 814-826
32.    Greene MH, **BOICE JD JR**, Greer BE, Blessing JA, Dembo AJ.  
Acute nonlymphocytic leukemia after therapy with alkylating agents for ovarian  
cancer: A study of 5 randomized clinical trials.  
*N Engl J Med* 307:1416-1421, 1982
33.    Kleinerman RA, Curtis RE, **BOICE JD JR**, Flannery JT, Fraumeni JF Jr.  
Second cancers following radiotherapy for cervical cancer.  
*J Natl Cancer Institute* 69:1027-1033, 1982
34.    Rothman KJ, **BOICE JD JR.**  
*Epidemiologic Analysis with a Programmable Calculator (2nd edition)*.  
Chestnut Hill, MA: Epidemiology Resources, Inc, 1982, p. 197
- 1983     35.    **BOICE JD JR**, Greene MH, Killen JY, Ellenberg SS, Keehn RJ, McFadden E,  
Chen TT, Fraumeni JF Jr.  
Leukemia and preleukemia after adjuvant treatment of gastrointestinal cancer with  
semustine (methyl-CCNU).  
*N Engl J Med* 309:1079-1084, 1983
36.    Day NE, **BOICE JD JR**, Andersen A, and 33 others.  
Summary Chapter.  
In: *Second Cancer in Relation to Radiation Treatment for Cervical Cancer* (Day NE,  
**BOICE JD JR**, eds)  
IARC Sci Publ 52.  
Lyon: International Agency for Research on Cancer, 1983, pp. 137-181 (Actually  
published March, 1984)
37.    Day NE, **BOICE JD JR** (eds).  
*Second Cancer in Relation to Radiation Treatment for Cervical Cancer*  
IARC Sci Publ 52.  
Lyon: International Agency for Research on Cancer, 1983, pp. 1-207
38.    Flannery JT, **BOICE JD JR**, Kleinerman RA, Curtis RE.  
The Connecticut Tumor Registry.  
In: *Second Cancer in Relation to Radiation Treatment for Cervical Cancer* (Day NE,  
**BOICE JD JR**, eds)  
IARC Sci Publ 52  
Lyon: International Agency for Research on Cancer, 1983, pp. 115-121

39. Greene MH, **BOICE JD JR**, Greer BE, Blessing JA, Dembo AJ.  
Leukemia after treatment of ovarian cancer with alkylating agents [Letter].  
*N Engl J Med* 308:1422, 1983
40. Hankey BF, Curtis RE, Naughton MD, **BOICE JD JR**, Flannery JT.  
A retrospective cohort analysis of second breast cancer risk for primary breast cancer  
patients with an assessment of the effect of radiation therapy.  
*J Natl Cancer Inst* 70:797-804, 1983
- 1984 41. **BOICE JD JR**, Day NE, Andersen A, and 33 others.  
Cancer risk following radiotherapy of cervical cancer: A preliminary report.  
In: *Radiation Carcinogenesis: Epidemiology and Biological Significance*  
(**BOICE JD JR**, Fraumeni JF Jr, eds).  
New York: Raven Press, 1984, pp. 161-179
42. **BOICE JD JR**, Greene MH, Fraumeni JF Jr, Killen JY Jr.  
Acute leukemia after adjuvant therapy of gastrointestinal cancer with semustine  
(methyl-CCNU) (Letter).  
*N Engl J Med* 310:1057-1058, 1984
43. **BOICE JD JR**, Fraumeni JF Jr (eds).  
*Radiation Carcinogenesis: Epidemiology and Biological Significance*.  
New York: Raven Press, 1984, p. 489
44. Ewertz M, Machado SG, **BOICE JD JR**, Jensen OM.  
Endometrial cancer following treatment for breast cancer: A case-control study in  
Denmark.  
*Br J Cancer* 50:687-692, 1984
45. Tucker MA, Meadows AT, **BOICE JD JR**, Hoover RN, Fraumeni JF Jr.  
Cancer risk following treatment of childhood cancer.  
In: *Radiation Carcinogenesis: Epidemiology and Biological Significance*  
(**BOICE JD JR**, Fraumeni JF Jr, eds).  
New York: Raven Press, 1984, pp. 211-224
- 1985 46. **BOICE JD JR**, Beebe GW, Land CE.  
Absolute and relative time-response models in radiation risk estimation.  
*NCRP Proc* 6:22-50, 1985
47. **BOICE JD JR**, Day NE, Andersen A, and 33 others.  
Second cancer in relation to radiation treatment for cervical cancer: An international  
cancer registry collaboration.  
*J Natl Cancer Inst* 74:955-975, 1985
48. **BOICE JD JR**, Fraumeni JF Jr.  
Second cancer following cancer of the respiratory system in Connecticut, 1935-1982.  
*Natl Cancer Inst Monogr* 68:83-98, 1985
49. **BOICE JD JR**, Storm HH, Curtis RE, Jensen OM, Kleinerman RA, Jensen HS,  
Flannery JT, Fraumeni JF Jr (eds).  
Multiple Primary Cancers in Connecticut and Denmark:  
NCI Monograph, Vol 68.  
Bethesda, MD: National Institutes of Health, 1985, p. 434
50. **BOICE JD JR**, Storm HH, Curtis RE, Jensen OM, Kleinerman RA, Jensen HS,  
Flannery JT, Fraumeni JF Jr.  
Introduction to the study of multiple primary cancers.  
*Natl Cancer Inst Monogr* 68:3-9, 1985
51. Curtis RE, **BOICE JD JR**, Kleinerman RA, Flannery JT, Fraumeni JF Jr.  
Summary: Multiple primary cancers in Connecticut, 1935-82.  
*Natl Cancer Inst Monogr* 68:219-242, 1985

52. Flannery JT, **BOICE JD JR**, Devesa SS, Kleinerman RA, Curtis RE, Fraumeni JF Jr. Cancer registration in Connecticut and the study of multiple primary cancers, 1935-82.  
*Natl Cancer Inst Monogr* 68:13-24, 1985
53. Greene MH, **BOICE JD JR**, Strike TA. Carmustine as a cause of acute nonlymphocytic leukemia.  
*N Engl J Med* 313:579, 1985
54. Harvey EB, **BOICE JD JR**, Honeyman M, Flannery JT. Prenatal x-ray exposure and childhood cancer in twins.  
*N Engl J Med* 312:542-545, 1985
55. Harvey EB, **BOICE JD JR**. Prenatal x-ray exposure and childhood cancer in twins [Letter].  
*N Engl J Med* 312:1575, 1985
56. Storm HH, **BOICE JD JR**. Leukaemia after cervical cancer irradiation in Denmark.  
*Int J Epidemiol* 14:363-368, 1985
57. Tucker MA, **BOICE JD JR**, Hoffman DA. Second cancer following cutaneous melanoma and cancers of the brain, thyroid, connective tissue, bone and eye in Connecticut, 1935-82.  
*Natl Cancer Inst Monogr* 68:161-189, 1985
- 1986 58. **BOICE JD JR**. The danger of x-rays--real or apparent? [Editorial].  
*N Engl J Med* 315:828-830, 1986
59. **BOICE JD JR**. Fetal risk to radiotherapy and chemotherapy exposure in utero.  
*Cancer Bull* 38:293-300, 1986
60. **BOICE JD JR**, Curtis RE, Kleinerman RA, Flannery JT, Fraumeni JF Jr. Multiple primary cancers in Connecticut, 1935-82.  
*Yale J Biol Med* 59:533-545, 1986
61. **BOICE JD JR**, Greene MH, Killen JY Jr, Ellenberg SS, Fraumeni JF Jr, Keehn RJ, McFadden E, Chen TT, Stablein D. Leukemia after adjuvant chemotherapy with semustine (methyl-CCNU)--evidence of a dose-response effect.  
*N Engl J Med* 314:119-120, 1986
62. **BOICE JD JR**, Kleinerman RA. Radiation studies of women treated for benign gynecologic disease.  
*J Natl Cancer Inst* 76:549-551, 1986
63. Miller RW, **BOICE, JD JR**. Radiogenic cancer after prenatal or childhood exposure. In: *Radiation Carcinogenesis* (Upton AC, Albert RE, Burns FJ, Shore RE, eds). New York: Elsevier, 1986, pp. 379-386
64. Greene MH, Harris EL, Gershenson DM, Malkasian GD Jr, Melton LS III, Dembo AJ, Bennett JM, Moloney WC, **BOICE JD JR**. Melphalan may be a more potent human leukemogen than cyclophosphamide.  
*Ann Intern Med* 105:360-367, 1986
65. Storm HH, Iversen E, **BOICE JD JR**. Breast cancer following multiple chest fluoroscopies among tuberculosis patients. A case-control study in Denmark.  
*Acta Radiol Oncol* 25:233-238, 1986

- 1987      66.    Bennett JM, Moloney WC, Greene MH, **BOICE JD JR**.  
Acute myeloid leukemia and other myelopathic disorders following treatment with  
alkylating agents.  
*Hematol Path* 1:99-104, 1987
67.    **BOICE JD JR**.  
A little perspective on radioactive waste.  
*Health Environ Digest* 1(7):3-4, 1987
68.    **BOICE JD JR**, Blettner M, Kleinerman RA, and 35 others.  
Radiation dose and leukemia risk in patients treated for cancer of the cervix.  
*J Natl Cancer Inst* 79:1295-1311, 1987
69.    Davis FG, **BOICE JD JR**, Kelsey JL, Monson RR.  
Cancer mortality after multiple fluoroscopic examinations of the chest.  
*J Natl Cancer Inst* 78:645-652, 1987
70.    Modan B, Ron E, Alfandary E, **BOICE JD JR**, Katz L.  
Long-term comparative mortality and morbidity following scalp irradiation in  
childhood.  
In: *Carcinogenesis and Tumor Progression, Lectures and Symposia of the 14th  
International Cancer Congress* (Lapis K, Eckhardt S, eds).  
Basel/Budapest: Karger/Akademiai Kiado, 1987, pp. 163-168
71.    Ron E, Kleinerman RA, **BOICE JD JR**, LiVolsi VA, Flannery JT, Fraumeni JF Jr.  
A population-based study of thyroid cancer.  
*J Natl Cancer Inst* 79:1-12, 1987
72.    Tucker MA, Meadows AT, **BOICE JD JR**, Stovall M, Oberlin O, Stone BJ, Birch J,  
Voute PA, Hoover RN, Fraumeni JF Jr.  
Leukemia after therapy with alkylating agents for childhood cancer.  
*J Natl Cancer Inst* 78:459-464, 1987
73.    Tucker MA, D'Angio GJ, **BOICE JD JR**, Strong LC, Li FP, Stovall M, Stone BJ,  
Green DM, Lombardi F, Newton W, Hoover RN, Fraumeni JF Jr.  
Bone sarcomas linked to radiotherapy and chemotherapy in children.  
*N Engl J Med* 317:588-593, 1987
- 1988      74.    **BOICE JD JR**.  
Carcinogenesis--A synopsis of human experience with external exposure in medicine.  
*Health Phys* 55:621-630, 1988
75.    **BOICE JD**.  
Kans op nieuwe tumoren na behandeling van borstkanker bij vrouwen (Cases of new  
tumors after treatment of breast cancer in women).  
In: *Straling: van effect tot bescherming (Radiation: from effect to protection)*  
(Passchier WF, ed).  
S-Gravenhage, The Netherlands: Gezondheidsraad, 1988:89-105 (No. A88/05)  
(In Dutch).
76.    **BOICE JD JR**, Engholm G, Kleinerman RA, and 39 others.  
Radiation dose and second cancer risk in patients treated for cancer of the cervix.  
*Radiat Res* 116:3-55, 1988
77.    Curtis RE, **BOICE JD JR**.  
Second breast cancers after radiotherapy for Hodgkin's disease.  
*N Engl J Med* 319:244-246, 1988
78.    Ewertz M, Schou G, **BOICE JD JR**.  
The joint effect of risk factors on endometrial cancer.  
*Eur J Cancer Clin Oncol* 24:184-194, 1988

79. Holm L-E, Wiklund KE, Lundell GE, Bergman NA, Bjelkengren G, Cederquist ES, Ericsson U-BC, Larsson L-G, Lidberg ME, Lindberg RS, Wicklund HV, **BOICE JD JR**.  
Thyroid cancer after diagnostic doses of iodine-131: A retrospective cohort study.  
*J Natl Cancer Inst* 80:1132-1138, 1988
80. Kaplan MM, **BOICE JD JR**, Ames DB, Rosenstein M.  
Thyroid, parathyroid, and salivary gland evaluations in patients exposed to multiple fluoroscopic examinations during tuberculosis therapy: A pilot study.  
*J Clin Endocrinol Metab* 66:376-382, 1988
81. Ron E, Modan B, **BOICE JD JR**.  
Mortality after radiotherapy for ringworm of the scalp.  
*Am J Epidemiol* 127:713-725, 1988
82. Ron E, Modan B, **BOICE JD JR**, Alfandary E, Stovall M, Chetrit A, Katz L.  
Tumors of the brain and nervous system following radiotherapy in childhood.  
*N Engl J Med* 319:1033-1039, 1988
83. Tucker MA, **BOICE JD JR**, Hoover RN.  
Bone sarcomas linked to cancer therapy in children (Letter).  
*N Engl J Med* 318:582, 1988
84. Wang J-X, **BOICE JD JR**, Li B-X, Zhang J-Y, Fraumeni JF Jr.  
Cancer among medical diagnostic x-ray workers in China.  
*J Natl Cancer Inst* 80:344-350, 1988
- 1989 85. **BOICE JD JR**.  
Possible risk of second primary cancers associated with irradiation in breast-conserving therapy.  
In: *Breast Diseases, Breast-Conserving Therapy, Non-Invasive Lesions, Mastopathy* (Kubli F, Fournier D, Bauer M, et al, eds).  
Berlin: Springer-Verlag, 1989:363-375.
86. **BOICE JD JR**, Blettner M, Kleinerman RA, and 39 others.  
Radiation dose and breast cancer risk in patients treated for cancer of the cervix.  
*Int J Cancer* 44:7-16, 1989
87. Curtis RE, **BOICE JD JR**, Stovall M, Flannery JT, Moloney WC.  
Leukemia risk following radiotherapy for breast cancer.  
*J Clin Oncol* 7:21-29, 1989
88. Davis FG, **BOICE JD JR**, Hrubec Z, Monson RR.  
Cancer mortality in a radiation-exposed cohort of Massachusetts tuberculosis patients.  
*Cancer Res* 49:6130-6136, 1989
89. Eby NL, **BOICE JD JR**, Gold EB, Hoover RN, Loriaux DL.  
Estrogen and androgen levels in women treated with radiation for cervical cancer -- possible influence on breast cancer risk.  
*Am J Epidemiol* 129:527-532, 1989
90. Fry RJM, **BOICE JD JR**, Bond VP, Curtis SB, Grahn D.  
*Guidance on Radiation Received in Space Activities*.  
NCRP Report No. 98.  
Washington, DC: NCRP, 1989, p. 227
91. Goldsmith R, **BOICE JD JR**, Hrubec Z, Hurwitz PE, Goff TE, Wilson J.  
Mortality and career radiation doses for workers at a commercial nuclear power plant: Feasibility study.  
*Health Phys* 56:139-150, 1989
92. Hoffman DA, Lonstein JE, Morin MM, Visscher W, Harris BSH III, **BOICE JD JR**.  
Breast cancer in women with scoliosis exposed to multiple diagnostic x-rays.  
*J Natl Cancer Inst* 81:1307-1312, 1989

93. Holm L-E, Wiklund KE, Lundell GE, Bergman NA, Bjelkengren G, Ericsson U-BC, Cederquist ES, Lidberg ME, Lindberg RS, Wicklund HV, **BOICE JD JR**. Cancer risk in population examined with diagnostic doses of 131-I. *J Natl Cancer Inst* 81:302-306, 1989
94. Holm L-E, Wiklund K, Lundell G, **BOICE JD JR**. No increased risk for thyroid cancer after diagnostic 131-I doses. *Läkartidningen* 86:2864-2866, 1989 (In Swedish)
95. Hrubec Z, **BOICE JD JR**, Monson RR, Rosenstein M. Breast cancer after multiple chest fluoroscopies: Second follow-up of Massachusetts women with tuberculosis. *Cancer Res* 49:229-234, 1989
96. Kleinerman RA, Littlefield LG, Tarone RE, Machado SG, Blettner M, Peters LJ, **BOICE JD JR**. Chromosome aberrations in peripheral lymphocytes and radiation dose to active bone marrow in patients treated for cancer of the cervix. *Radiat Res* 119:176-190, 1989
97. Lubin JH, **BOICE JD JR**. Estimating Rn-induced lung cancer in the United States. *Health Phys* 57:417-427, 1989
98. Olsen JH, Andersson M, **BOICE JD JR**. Danish epileptics given Thorotrast. In: *Risks from Radium and Thorotrast* (Taylor DM, Mays CW, Gerber GB, Thomas RG, eds) BIR Rep 21. London, *Br Inst Radiol*, 1989:116-118
99. Olsen JH, **BOICE JD JR**, Jensen JPA, Fraumeni JF Jr. Cancer among epileptics exposed to anticonvulsive drugs. *J Natl Cancer Inst* 81:803-808, 1989
100. Ron E, Modan B, Preston D, Alfandary E, Stovall M, **BOICE JD JR**. Thyroid neoplasia following low-dose radiation in childhood. *Radiat Res* 120:516-531, 1989
101. Travis L, Curtis RE, **BOICE JD JR**, Fraumeni JF Jr. Bladder cancer after treatment of non-Hodgkin's lymphoma. *N Engl J Med* 321:544-545, 1989
- 1990 102. Blot WJ, Xu Z-Y, **BOICE JD JR**, Zhao D-Z, Stone BJ, Sun J, Fraumeni JF Jr. Indoor radon and lung cancer in China. *J Natl Cancer Inst* 82:1025-1030, 1990
103. Blot WJ, **BOICE JD JR**, Fraumeni JF Jr. Indoor radon and lung cancer in China [Letter]. *J Natl Cancer Inst* 82:1722-1723, 1990
104. **BOICE JD JR**. Studies of atomic bomb survivors: understanding radiation effects (Editorial). *JAMA* 264:622-623, 1990
105. Bond VP, Abrahamson S, Hall EJ, **BOICE JD JR**, et al. *The Relative Biological Effectiveness of Radiations of Different Quality*. NCRP Report No. 104. Bethesda, MD: NCRP, 1990, p. 218
106. Curtis RE, **BOICE JD JR**, Moloney WC, Ries LG, Flannery JT. Leukemia following chemotherapy for breast cancer. *Cancer Res* 50:2741-2746, 1990

107. Doll R, **BOICE JD**, Esteve J, Silini G, Thiessen JW.  
Recommendations for research of an international panel of independent experts.  
In: *Feasibility of Studies on Health Effects in Western Europe Due to the Reactor Accident at Chernobyl* (Breckow J, Kellerer AM, Knox EG, Richardson S, Task Group for the CEC).  
Rep EUR 12551.  
Brussels, Commission of the European Communities, 1990
108. Inskip PD, Monson RR, Wagoner JK, Stovall M, Davis FG, Kleinerman RA, **BOICE JD JR**.  
Leukemia following radiotherapy for uterine bleeding.  
*Radiat Res* 122:107-119, 1990
109. Inskip PD, Monson RR, Wagoner JK, Stovall M, Davis FG, Kleinerman RA, **BOICE JD JR**.  
Cancer mortality following radium treatment for uterine bleeding.  
*Radiat Res* 123:331-344, 1990
110. Jablon S, Hrubec Z, **BOICE JD JR**, Stone BJ.  
*Cancer in Populations Living Near Nuclear Facilities*.  
NIH Publ 90-874  
Washington, DC: US Govt Print Off, 1990
111. Kleinerman RA, Littlefield LG, Tarone RE, Sayer AM, Hildreth NG, Pottern LM, Machado SG, **BOICE JD JR**.  
Chromosome aberrations in relation to radiation dose following partial-body exposures in three populations.  
*Radiat Res* 123:93-101, 1990
112. Olsen JH, **BOICE JD JR**, Fraumeni JF Jr.  
Cancer in children of epileptic mothers and the possible relation to maternal anticonvulsant therapy.  
*Br J Cancer* 62:996-999, 1990
113. Olsen JH, Andersson M, **BOICE JD JR**.  
Thorotrast exposure and cancer risk.  
*Health Phys* 58:222-223, 1990
114. Pottern LM, Kaplan MM, Larsen PR, Silva JE, Koenig RJ, Lubin JH, **BOICE JD JR**.  
Thyroid nodularity after childhood irradiation for lymphoid hyperplasia: a comparison of questionnaire and clinical findings.  
*J Clin Epidemiol* 43:449-460, 1990
115. Rodvall Y, Pershagen G, Hrubec Z, Ahlbom A, Pedersen NL, **BOICE JD**.  
Prenatal x-ray exposure and childhood cancer in Swedish twins.  
*Int J Cancer* 46:362-365, 1990
116. Wang J, **BOICE JD JR**, Inskip PD, Li B, Zhang J, Fraumeni JF Jr.  
Leukemia among medical diagnostic x-ray workers in China.  
*Proc Chin Acad Med Sci Peking Union Med Coll* 5:194-199, 1990
117. Wang J-X, Inskip PD, **BOICE JD JR**, Li B-X, Zhang J-Y, Fraumeni JF Jr.  
Cancer incidence among medical diagnostic x-ray workers in China, 1950 to 1985.  
*Int J Cancer* 45:889-895, 1990
118. Wang Z, **BOICE JD JR**, Wei L, Beebe GW, Zha Y, Kaplan MM, Tao Z, Maxon HR III, Zhang S, Schneider AB, Tan B, Wesseler TA, Chen D, Ershow AG, Kleinerman RA, Littlefield LG, Preston D.  
Thyroid nodularity and chromosome aberrations among women in areas of high background radiation in China.  
*J Natl Cancer Inst* 82:478-485, 1990

- 1991
119. Blettner M, **BOICE JD JR**.  
Radiation dose and leukaemia risk: general relative risk techniques for dose-response models in a matched case-control study.  
*Stat Med* 10:1511-1526, 1991
  120. **BOICE JD JR**.  
Epidemiologic studies of radioactively contaminated environments.  
*NCRP Proc* 12:94-116, 1991
  121. **BOICE JD JR**.  
Nuclear energy: relationship to cancer incidence.  
In: *Cancer Prevention* (DeVita VT Jr, Hellman S, Rosenberg SA, eds).  
Philadelphia: J.B. Lippincott, 1991, pp. 1-9
  122. **BOICE JD JR**, Morin MM, Glass AG, Friedman GD, Stovall M, Hoover RN, Fraumeni JF Jr.  
Diagnostic x-ray procedures and risk of leukemia, lymphoma, and multiple myeloma.  
*JAMA* 265:1290-1294, 1991
  123. **BOICE JD JR**, Preston D, Davis FG, Monson RR.  
Frequent chest x-ray fluoroscopy and breast cancer incidence among tuberculosis patients in Massachusetts.  
*Radiat Res* 125:214-222, 1991
  124. **BOICE JD JR**, Ron E.  
Epidemiology of radiation-induced thyroid cancer, pp. 135-137.  
In: *Thyroid Cancer: A Lethal Endocrine Neoplasm* (Robbins J, moderator).  
*Ann Intern Med* 115:133-147, 1991
  125. Hall P, Holm L-E, Lundell G, Bjelkengren G, Larsson L-G, Lindberg S, Tennvall J, Wicklund H, **BOICE JD JR**.  
Cancer risks in thyroid cancer patients.  
*Br J Cancer* 64:159-163, 1991
  126. Holm L-E, Hall P, Wiklund K, Lundell G, Berg G, Bjelkengren G, Cederquist E, Ericsson U-B, Hallquist A, Larsson L-G, Lidberg M, Lindberg S, Tennvall J, Wicklund H, **BOICE JD JR**.  
Cancer risks after  $^{131}\text{I}$  therapy for hyperthyroidism.  
*J Natl Cancer Inst* 83:1072-1077, 1991
  127. Inskip PD, Harvey EB, **BOICE JD JR**, Matanoski G, Flannery JT, Fraumeni JF Jr.  
Incidence of childhood cancer in twins.  
*Cancer Causes Control* 2:315-324, 1991
  128. Jablon S, Hrubec Z, **BOICE JD JR**.  
Cancer in populations living near nuclear facilities.  
*JAMA* 265:1403-1408, 1991
  129. Littlefield LG, Kleinerman RA, Sayer AM, Tarone R, **BOICE JD JR**.  
Chromosome aberrations in lymphocytes - biomarkers of radiation exposure.  
*Prog Clin Biol Res* 372:387-397, 1991
  130. Møller H, Kneller RW, **BOICE JD JR**, Olsen JH.  
Cancer incidence following hospitalization for multiple sclerosis in Denmark.  
*Acta Neurol Scand* 84:214-220, 1991
  131. Mulvihill JJ, Harvey EB, **BOICE JD JR**, Chakravarti A, Miller RW.  
Normal findings 52 years after in utero radiation exposure.  
*Lancet* 2:1202-1203, 1991
  132. Ron E, Modan B, Preston D, Alfandary E, Stovall M, **BOICE JD JR**.  
Radiation-induced skin cancer of the head and neck.  
*Radiat Res* 125:318-325, 1991



133. Travis LB, Curtis RE, **BOICE JD JR**, Hankey BF, Fraumeni JF Jr.  
Second cancers following non-Hodgkin's lymphoma.  
*Cancer* 67:2002-2009, 1991
134. Tucker MA, Morris Jones PH, **BOICE JD JR**, Robison LL, Stone BJ, Stovall M,  
Jenkin RDT, Lubin JH, Baum ES, Siegel SE, Meadows AT, Hoover RN,  
Fraumeni JF Jr.  
Therapeutic radiation at a young age is linked to secondary thyroid cancer.  
*Cancer Res* 51:2885-2888, 1991
- 1992 135. Alavanja MCR, Brownson RC, **BOICE JD JR**, Hock E.  
Preexisting lung disease and lung cancer among nonsmoking women.  
*Am J Epidemiol* 136:623-632, 1992
136. Alavanja MCR, Brownson RC, Wood M, Hrubec Z, Mahaffey J, **BOICE JD JR**.  
Radon dosimetry for a lung cancer study in Missouri.  
In: *Indoor Radon and Lung Cancer: Reality or Myth?* (Cross FT, ed).  
Columbus, Battelle Press, 1992, pp. 871-887
137. **BOICE JD JR**.  
Radiation and non-Hodgkin's lymphoma.  
*Cancer Res* 52:5489s-5491s, 1992.
138. **BOICE JD JR**.  
Radiation carcinogenesis - human epidemiology.  
In: *The Biological Basis of Radiation Protection Practice* (Mossman KL,  
Mills WA, eds).  
Baltimore: Williams and Wilkins, 1992, pp. 89-120
139. **BOICE JD JR**, Harvey E, Blettner M, Stovall M, Flannery JT.  
Cancer in the contralateral breast after radiotherapy for breast cancer.  
*N Engl J Med* 326:781-785, 1992
140. **BOICE JD JR**, Miller RW.  
Risky genes. What do they mean?  
*NCRP Proc* 13:188-201, 1992
141. **BOICE JD JR**, Stovall M, Blettner M.  
Cancer in the contralateral breast after radiotherapy for breast cancer [Letter].  
*N Engl J Med* 327:431-432, 1992
142. **BOICE JD JR**, Mandel JS, Doody MM, Yoder RC, McGowan R.  
A health survey of radiologic technologists.  
*Cancer* 69:586-598, 1992
143. **BOICE JD JR**, Miller RW.  
Risk of breast cancer in ataxia-telangiectasia [Letter].  
*N Engl J Med* 326:1357-1358, 1992
144. Curtis RE, **BOICE JD JR**, Stovall M, Bernstein L, Greenberg RS, Flannery JT,  
Schwartz AG, Weyer P, Moloney WC, Hoover RN.  
Risk of leukemia after chemotherapy and radiation treatment for breast cancer.  
*N Engl J Med* 326:1745-1751, 1992
145. Doody MM, Linet MS, Glass AG, Friedman GD, Pottern LM, **BOICE JD JR**,  
Fraumeni JF Jr.  
Leukemia, lymphoma and multiple myeloma following selected medical conditions.  
*Cancer Causes Control* 3:449-456, 1992
146. Hall P, Berg G, Bjelkengren G, **BOICE JD JR**, Ericsson U-B, Hallquist A,  
Lidberg M, Lundell G, Tennvall J, Wiklund K, Holm L-E.  
Cancer mortality after iodine-131 therapy for hyperthyroidism.  
*Int J Cancer* 50:886-890, 1992

147. Hall P, **BOICE JD JR**, Berg G, Bjelkengren G, Ericsson U-B, Hallquist A, Lidberg M, Lundell G, Mattsson A, Tennvall J, Wiklund K, Holm L-E. Leukaemia incidence after iodine-131 exposure. *Lancet* 2:1-4, 1992
148. Hatch EE, Curtis RE, **BOICE JD JR**, Fraumeni JF Jr. Malignant neoplasms associated with cancer of the ampulla Vater. *Br J Cancer* 66:1204, 1992
149. Jablon S, **BOICE JD JR**. Reporting negative studies in the mass media [Letter]. *JAMA* 267:931, 1992
150. Pershagen G, Liang Z-H, Hrubec Z, Svensson C, **BOICE JD JR**. Residential radon exposure and lung cancer in women. *Health Phys* 63:179-186, 1992
151. Rodvall Y, Hrubec Z, Pershagen G, Ahlbom A, Bjurman A, **BOICE JD JR**. Childhood cancer among Swedish twins. *Cancer Causes Control* 3:527-532, 1992
152. Storm HH, Andersson M, **BOICE JD JR**, Blettner M, Stovall M, Mouridsen HT, Dombernowsky P, Rose C, Jacobsen A, Pedersen M. Adjuvant radiotherapy and risk of contralateral breast cancer. *J Natl Cancer Inst* 84:1245-1250, 1992
153. Travis LB, Kathren RL, **BOICE JD JR**. Cancer risk following exposure to Thorotrast: Overview in relation to a case report. *Health Phys* 63:89-97, 1992
- 1993 154. **BOICE JD JR**. Second cancer after Hodgkin's disease --The price of success? [Editorial] *J Natl Cancer Inst* 85:4-5, 1993
155. **BOICE JD JR**. Leukemia risk in Thorotrast patients. [Letter] *Radiat Res* 136:301-302, 1993
156. Eng C, Li FP, Abramson DH, Ellsworth RM, Wong FL, Goldman MB, Seddon J, Tarbell N, **BOICE JD JR**. Mortality from second tumors among long-term survivors of retinoblastoma. *J Natl Cancer Inst* 85:1121-1128, 1993
157. Inskip PD, Kleinerman RA, Stovall M, Cookfair DL, Hadjimichael O, Moloney WC, Monson RR, Thompson WD, Wactawski-Wende J, Wagoner JK, **BOICE JD JR**. Leukemia, lymphoma, and multiple myeloma following pelvic radiotherapy for benign disease. *Radiat Res* 135:108-124, 1993
158. Jablon S, **BOICE JD JR**. Mortality among workers at a nuclear power plant in the United States. *Cancer Causes Control* 4:427-430, 1993
159. Linet M, **BOICE JD JR**. Radiation from Chernobyl and risk of childhood leukaemia. [Commentary] *Eur J Cancer* 29:1-3, 1993
160. Mahaffey JA, Parkhurst MA, James AC, Cross FT, Alavanja MCR, **BOICE JD**, Ezrine S, Henderson P, Brownson, RM. Estimating past exposure to indoor radon from household glass. *Health Phys* 64:381-391, 1993
161. Meinhold CB, Abrahamson S, Adelstein SJ, Bair WJ, **BOICE JD JR**, et al. *Limitation of Exposure to Ionizing Radiation*. NCRP Report No. 116. Bethesda, MD: NCRP, 1993, p. 88

162. Olsen JH, Wallin H, **BOICE JD JR**, Rask K, Schulgen G, Fraumeni JF Jr. Phenobarbital, drug metabolism, and human cancer. *Cancer Epidemiol Biomarkers Prev* 2:449-452, 1993
163. Travis LB, Curtis RE, Glimelius B, Holowaty E, Van Leeuwen FE, Lynch CF, Adami J, Gospodarowicz M, Wacholder S, Inskip PD, Tucker MA, Fraumeni JF Jr, **BOICE JD JR**. Second cancers among long-term survivors of non-Hodgkin's lymphoma. *J Natl Cancer Inst* 85:1932-1937, 1993
164. Wong FL, Mellemgaard A, **BOICE JD**, Goldman MB, Fraumeni JF. Husbands and wives with hyperthyroidism. *Lancet* 341:1278-1279, 1993
- 1994 165. Alavanja MCR, Brownson RC, Lubin JH, Berger E, Chang J, **BOICE JD JR**. Residential radon exposure and lung cancer among nonsmoking women. *J Natl Cancer Inst* 86:1829-1837, 1994
166. **BOICE JD JR**, Linet M. Chernobyl, childhood cancer and chromosome 21. [Editorial] *Br Med J* 309:139-140, 1994
167. **BOICE JD JR**, Linet M. Fallout from Chernobyl. [Letter] *Br Med J* 309:1300, 1994
168. Curtis RE, **BOICE JD JR**, Stovall M, Bernstein L, Holowaty E, Karjalainen S, Langmark F, Nasca PC, Schwartz AG, Schymura M, Storm HH, Toogood P, Weyer P, Moloney WC. Relation of leukemia risk to radiation dose after cancer of the uterine corpus. *J Natl Cancer Inst* 86:1315-1324, 1994
169. Griem ML, Kleinerman RA, **BOICE JD JR**, Stovall M, Shefner D, Lubin JH. Cancer following radiotherapy for peptic ulcer. *J Natl Cancer Inst* 86:842-849, 1994
170. Inskip PD, **BOICE JD JR**. Radiotherapy-induced lung cancer among women who smoke. [Editorial] *Cancer* 73:1541-1543, 1994
171. Inskip PD, Eby NL, Cookfair D, Freedman RS, Richardson GS, Wactawski-Wende J, Hoover RN, **BOICE JD JR**. Serum estrogen and androgen levels following treatment for cervical cancer. *Cancer Epidemiol Biomarkers Prev* 3:37-45, 1994
172. Kleinerman RA, Littlefield LG, Tarone RE, Sayer AM, Cookfair DL, Wactawski-Wende J, Inskip PD, Block AM, Ramesh KH, **BOICE JD JR**. Chromosome aberrations in lymphocytes from women irradiated for benign and malignant gynecological disease. *Radiat Res* 139:40-46, 1994
173. Lubin JH, **BOICE JD JR**, Edling C, Hornung RW, Howe G, Kunz E, Kusiak RA, Morrison HI, Radford EP, Samet JM, Tirmarche M, Woodward A, Xiang YS, Pierce DA. *Radon and Lung Cancer: A Joint Analysis of 11 Underground Miners Studies*. NIH Publ No. 94-3644. Bethesda, MD: National Institutes of Health, 1994.
174. Lubin JH, Liang Z, Hrubec Z, Pershagen G, Schoenberg JB, Blot WJ, Klotz JB, Xu Z-Y, **BOICE JD JR**. Radon exposure in residences and lung cancer among women: combined analysis of three studies. *Cancer Causes Control* 5:114-128, 1994

175. Ron E, **BOICE JD JR**, Hamburger S, Stovall M.  
Mortality following radiation treatment for infertility of hormonal origin or amenorrhoea.  
*Int J Epidemiol* 23:1165-1173, 1994
176. Travis LB, Curtis RE, Stovall M, Holowaty E, van Leeuwen FE, Glimelius B, Lynch CF, Hagenbeek ALM, Li C-Y, Banks P, Gospodarowicz M, Adami J, Wacholder S, Inskip PD, Tucker MA, **BOICE JD JR**.  
Acute nonlymphocytic leukemia following treatment for non-Hodgkin's lymphoma.  
*J Natl Cancer Inst* 86:1450-1457, 1994
177. van Leeuwen FE, Klokman WJ, Stovall M, Hagenbeek A, van den Belt-Dusebout AW, Noyon R, **BOICE JD JR**, Somers R.  
The roles of radiotherapy and smoking in lung cancer following Hodgkin's disease.  
In: *Second Malignancy as a Sequel to Cancer Treatment. An Assessment of Risk.* (Van Leeuwen FE, ed).  
Rotterdam: Vrije Universiteit 1994, pp 71-88
178. Yao SX, Lubin JH, Qiao YL, **BOICE JD JR**, Li JY, Cai SK, Zhang FM, Blot WJ.  
Exposure to radon progeny, tobacco use and lung cancer in a case-control study in Southern China.  
*Radiat Res* 138:326-336, 1994
179. United Nations Scientific Committee on the Effects of Atomic Radiation.  
UNSCEAR 1994 Report to the General Assembly, with Scientific Annexes.  
*Sources and Effects of Ionizing Radiation.*  
E.94.IX.11.  
New York: United Nations, 1994 [consultant].
- 1995 180. Alavanja MCR, Browson RC, Benichou J, Swanson C, **BOICE JD JR**.  
Attributable risk of lung cancer in lifetime nonsmokers and long-term ex-smokers (Missouri, United States).  
*Cancer Causes Control* 6:209-216, 1995
181. **BOICE JD JR**.  
Radiation effects in nuclear medicine.  
In: *Nuclear Medicine, Diagnosis and Therapy* (Harbert JC, Eckelman WL, Neumann RD, eds).  
New York: Thieme Medical Publishers, 1995, pp. 279-291
182. **BOICE JD JR**, Fry RJM.  
Radiation carcinogenesis in the gut.  
In: *Radiation and Gut* (Potten CS, Hendry JH, eds).  
Amsterdam: Elsevier, 1995, pp 291-305
183. **BOICE JD JR**, Mandel JS, Doody MM.  
Breast cancer among radiologic technologists.  
*JAMA* 274:394-401, 1995
184. **BOICE JD JR**, Miller RW.  
"Medical Effects of Ionizing Radiation". [Book Review]  
*Radiat Res* 144:121, 1995
185. **BOICE JD JR**, Travis LB.  
Body wars: effect of friendly fire (cancer therapy). [Editorial]  
*J Natl Cancer Inst* 87:705-706, 1995
186. Doody MM, Mandel JS, **BOICE JD JR**.  
Employment practices and breast cancer among radiologic technologists.  
*JOEM* 37:321-327, 1995
187. Inskip PD, Ekblom A, Galanti MR, Glimelius L, **BOICE JD JR**.  
Medical diagnostic x rays and thyroid cancer.  
*J Natl Cancer Inst* 87:1613-21, 1995

188. Kleinerman RA, **BOICE JD JR**, Storm HH, Sparen P, Andersen A, Pukkala E, Lynch CF, Hankey BF, Flannery JT.  
Second primary cancer after treatment for cervical cancer: an international cancer registries study.  
*Cancer* 76:442-452, 1995
189. Little MP, Muirhead CR, **BOICE JD JR**, Kleinerman RA.  
Using multistage models to describe radiation-induced leukaemia.  
*J Radiol Prot* 15:315-34, 1995
190. Lubin JH, **BOICE JD JR**, Edling C, Hornung RW, Howe GR, Kung E, Kusiak RA, Morrison HI, Radford EP, Samet JM, Tirmarche M, Woodard A, Yao SX, Pierce DA.  
Lung cancer in radon-exposed miners and estimation of risk from indoor exposure.  
*J Natl Cancer Inst* 87:817-827, 1995
191. Lubin JH, **BOICE JD JR**, Edling C, Hornung RW, Howe G, Kung E, Kusiak RA, Morrison HI, Radford EP, Samet JM, Tirmarche M, Woodard A, Yao SX.  
Radon-exposed underground miners and the inverse exposure-rate (protraction enhancement) effects.  
*Health Phys* 69:494-500, 1995
192. Lubin JH, **BOICE JD JR**, Samet JM.  
Errors in exposure assessment, statistical power, and the interpretation of residential radon studies.  
*Radiat Res* 144:329-41, 1995
193. Olsen JH, **BOICE JD JR**, Seersholm N, Bautz A, Fraumeni JF Jr.  
Cancer in the parents of children with cancer.  
*N Engl J Med* 333:1594-1599, 1995
194. Olsen JH, Schulgen G, **BOICE JD JR**, Whysner J, Travis LB, Williams GM, Johnson FB, McGee JO.  
Antiepileptic treatment and risk of hepatobiliary cancer and malignant lymphoma.  
*Cancer Res* 55:294-297, 1995
195. Ron E, Lubin JH, Shore RE, Mabuchi K, Modan B, Pottern L, Schneider AB, Tucker MA, **BOICE JD JR**.  
Thyroid cancer after exposure to external radiation: a pooled analysis of seven studies.  
*Radiat Res* 141:259-277, 1995
196. Travis LB, Curtis RE, Bennett WP, Hankey BF, Travis WD, **BOICE JD**.  
Lung cancer after Hodgkin's disease.  
*J Natl Cancer Inst* 87:1324-1327, 1995
197. Travis LB, Curtis RE, Holowaty EJ, van Leeuwen F, Glimelius B, Lynch CF, Stovall M, Hagenbeek A, Banks PM, Gospodarowicz MK, Adami J, Wacholder S, Inskip PD, Tucker MA, **BOICE JD JR**.  
Bladder and kidney cancer following cyclophosphamide therapy for non-Hodgkin's lymphoma.  
*J Natl Cancer Inst* 87:37-43, 1995
198. van Leeuwen FE, Klokman WJ, Stovall M, Hagenbeek A, van den Belt-Dusebout AW, Noyon R, **BOICE JD JR**, Burgers JMV, Somers R.  
Roles of radiotherapy and smoking in lung cancer following Hodgkin's disease.  
*J Natl Cancer Inst* 87:1530-1537, 1995
- 1996 199. Bigbee WL, Jensen RH, Rahu M, Tekkel M, Veidebaum T, Stengrevics A, Auvinen A, Hakulinen T, Orams I, **BOICE JD JR**.  
Glycophorin A biodosimetry in Chernobyl cleanup workers from the Baltic countries.  
*Br Med J* 312: 1078-1079, 1996

200. **BOICE JD JR.**  
Cancer following irradiation in childhood and adolescence.  
*Med Pediatr Oncol* 1(Suppl):29-34, 1996
201. **BOICE JD JR.**  
Comparing low-level radiation with other hazards.  
In: *Radiation Research 1895-1995, Congress Proceedings* (Hagen U, Harder D, Jung H, Streffer C, eds).  
Würzburg, Germany, Universitätsdruckerei H. Stürtz AG, 1996, pp. 1199-1202
202. **BOICE JD JR.**  
Risk estimates for radiation exposure.  
In: *Health Effects of Low Level Exposure to Ionizing Radiation* (Hendee WR, Edwards FM, eds).  
Philadelphia, Institute of Physics Publishing, 1996, pp. 237-268
203. **BOICE JD JR.**  
Ionizing radiation.  
In: *Cancer, Rates and Risks, 4th Edition* (Harras A, ed)  
NIH Publ No. 96-691.  
Washington, DC: US Govt Print Off, 1996, pp. 90-93
204. **BOICE JD JR, Doody MM, Mandel JS.**  
Breast cancer among radiologic technologists. [Letter]  
*JAMA* 369-370, 1996
205. **BOICE JD JR, Inskip PD.**  
Radiation-induced leukemia.  
In: *Leukemia, Sixth Edition* (Henderson ES, Lister TA, Greaves MF, eds).  
Philadelphia, W.B. Saunders, 1996, pp. 195-209
206. **BOICE JD JR, Land CE, Preston D.**  
Ionizing radiation.  
In: *Cancer Epidemiology and Prevention*. (Schottenfield D, Fraumeni JF Jr, eds).  
New York: Oxford University Press, 1996, pp. 319-354
207. Radiation.  
In: *Harvard Report on Cancer Prevention, vol 1: Causes of Human Cancer*.  
*Cancer Causes Control* 7(Suppl 1):S41-S47, 1996 (**BOICE JD JR, Little JB,**  
consultants)
208. **BOICE JD JR, Lubin JH.**  
Lung cancer risks: comparing radiation with tobacco.  
*Radiat Res* 146:356-357, 1996
209. **BOICE JD JR, Shriner DA.**  
Second malignancies after chemotherapy.  
In: *The Chemotherapy Sourcebook, Second Edition*. (Perry MC, ed).  
Baltimore: Williams & Wilkins, 1996, pp. 785-802
210. Curtis RE, **BOICE JD JR, Shriner DA, Hankey BF, Fraumeni JF Jr.**  
Second cancer after adjuvant tamoxifen therapy for breast cancer.  
*J Natl Cancer Inst* 88:832-834, 1996
211. Curtis RE, **BOICE JD JR, Shriner DA, Hankey BF, Fraumeni JF Jr.**  
Second cancers after adjuvant tamoxifen therapy for breast cancer. [Letter]  
*J Natl Cancer Inst* 88:1497-1499, 1996
212. De Benedetti VMG, Travis LB, Welsh JA, van Leeuwen FE, Stovall M, Clark EA,  
**BOICE JD JR, Bennett WP.**  
*p53* mutations in lung cancer following radiation therapy for Hodgkin's disease.  
*Cancer Epidemiol Biomarkers Prev* 5:93-98, 1996

213. Doody MM, Linet MS, Glass AG, Curtis RE, Pottern LM, Rush BB, **BOICE JD JR**, Fraumeni JF Jr, Friedman GD.  
Risks of non-Hodgkin's lymphoma, multiple myeloma, and leukemia associated with common medications.  
*Epidemiology* 7:131-139, 1996
214. Friedman DR, Hatch EE, Tarone R, Kaune WT, Kleinerman RA, Wacholder S, **BOICE JD JR**, Linet MS.  
Childhood exposure to magnetic fields: residential area measurements compared to personal dosimetry.  
*Epidemiology* 7:151-155, 1996
215. Grant SG, McLoughlin R, Abramson D, Boice JD Jr, Bigbee WL.  
Somatic mutation in survivors of hereditary and sporadic childhood retinoblastoma.  
*Proc Am Assoc Cancer Res* 731, 1996
216. Hall P, **BOICE JD JR**, Holm L-E.  
Thyroid cancer following diagnostic iodine-131 administration.  
In: *The Radiological Consequences of the Chernobyl Accident* (Karaogolou A, Desmet G, Kelly GN, Menzel HG, eds)  
EUR 16544. Brussels: European Commission, 1996, pp. 807-811
217. Hall P, Fürst C-J, Mattsson A, Holm L-E, **BOICE JD JR**, Inskip PD.  
Thyroid nodularity after diagnostic administration of iodine-131.  
*Radiat Res* 146:673-680, 1996
218. Hall P, Mattsson A, **BOICE JD JR**.  
Thyroid cancer following diagnostic administration of iodine-131.  
*Radiat Res* 145:86-92, 1996
219. Miller RW, **BOICE JD JR**, Curtis RE.  
Bone.  
In: *Cancer Epidemiology and Prevention* (Schottenfeld D, Fraumeni JF Jr, eds).  
New York: Oxford Press, 1996, pp. 971-983
220. Muirhead CR, **BOICE JD JR**, Raddatz CT, Yoder RC.  
Comparison of dose histories for U.S. nuclear power plant workers, based on records held by a major dosimetry service company and on the NRC REIRS database.  
*Health Phys* 70:645-650, 1996
221. Olsen JH, Hertz H, Kjær SK, Bautz A, Møller L, **BOICE JD JR**.  
Childhood leukemia following phototherapy for neonatal hyperbilirubinemia (Denmark).  
*Cancer Causes Control* 7:411-414, 1996
222. Struwing JP, Tarone RE, Brody LC, Li FP, **BOICE JD JR**.  
*BRCA1* mutations in young women with breast cancer.  
*Lancet* 347:1493, 1996
223. Travis LB, Curtis RE, Bennett WP, Hankey BF, **BOICE JD JR**, Travis WD.  
Hodgkin's disease and lung cancer.  
*J Natl Cancer Inst* 88:52, 1996
224. Travis LB, Curtis RE, **BOICE JD JR**.  
Late effects of treatment for Hodgkin's disease.  
*N Engl J Med* 335:352-353, 1996
225. Travis LB, Curtis RE, **BOICE JD JR**, Platz CE, Hankey BF, Fraumeni JF Jr.  
Second malignant neoplasms among long-term survivors of ovarian carcinoma.  
*Cancer Res* 56:1564-1570, 1996
226. Travis LB, Weeks J, Curtis RE, Chaffey JT, Stovall M, Banks PM, **BOICE JD JR**.  
Leukemia following total body irradiation and chemotherapy for non-Hodgkin's lymphoma.  
*J Clin Oncol* 14:565-571, 1996

227. Wang Z-Y, Lubin JH, Wang L-D, Conrath S, Zhang S-Z, Kleinerman R, Gao S-X, Gao P-Y, Lei S-W, **BOICE JD JR**.  
Radon measurements in underground dwellings from two prefectures in China.  
*Health Phys* 70:192-198, 1996
- 1997 228. Bigbee WL, Jensen RH, Viedebaum T, Tekkel M, Rahu M, Stengrevics A, Auvinen A, Hakulinen T, Servomaa K, Rytömaa T, Oubram GI, **BOICE JD JR**,  
Biodosimetry of Chernobyl cleanup workers from Estonia and Latvia using the  
glycophorin A *in vivo* somatic cell mutation assay.  
*Radiat Res* 147:215-224, 1997
229. Blot WJ, Le Marchand L, **BOICE JD JR**, Henderson BE.  
Thyroid cancer in the Pacific.  
*J Natl Cancer Inst* 89:90-91, 1997
230. **BOICE JD JR**.  
Advances in radiation epidemiology.  
*Radiol Prot Bull* 185:10-13, 1997
231. **BOICE JD JR**.  
Leukaemia, Chernobyl and epidemiology. [Editorial]  
*J Radiol Prot* 17:129-133, 1997
232. **BOICE JD JR**, ed.  
*Implications of New Data on Radiation Cancer Risk*.  
Bethesda, MD: National Council on Radiation Protection and  
Measurements, 1997, 315 pp
233. **BOICE JD JR**.  
Radiation epidemiology: the *past is prologue* to the 21st century.  
In: *Health Effects of Low Dose Radiation. Challenges of the 21st Century*.  
London, British Nuclear Energy Society, 1997, pp. 64-70
234. **BOICE JD JR**, Travis LB, Curtis RE.  
Patterns of second cancers.  
*Proc Am Assoc Cancer Res* 38:645, 1997
235. **BOICE JD JR**.  
Radiation epidemiology: past and present.  
*NCRP Proc* 18:7-28, 1997
236. **BOICE JD JR**.  
Radiation epidemiology in risk assessment.  
*Past and Future Trends of Radiation Research*.  
Proceedings of the Seminar at STUK in Helsinki, 29th February 1997.  
[STUK-A138]  
Helsinki: Finnish Centre for Radiation and Nuclear Safety, 1997, pp. 19-40
237. **BOICE JD JR**.  
Radioaktiv strålrning--några ytterligare fall av cancer kan förebyggas.  
In: *Längre liv och bättre hälsa -- en rapport om prevention*.  
Stockholm: The Swedish Council on Technology Assessment in Health Care, 1997,  
pp.135-161 [SBU-rapport nr 132]. Radioactive radiation--a few more cases of  
cancer can be prevented. In: *Longer Life and Better Health - A Report of  
Prevention*, In Swedish).
238. **BOICE JD JR**.  
Radon, your home or mine? [Commentary]  
*Radiat Res* 147:135-137, 1997
239. **BOICE JD JR**, Friis S, McLaughlin JK, Møllekjær, Blot WJ, Fraumeni JF Jr,  
Olsen JH.  
Cancer following breast reduction surgery in Denmark.  
*Cancer Causes Control* 8:253-258, 1997



240. **BOICE JD JR.**, Holm L-E.  
Leukaemia and thyroid cancer in emergency workers of the Chernobyl accident:  
estimation of radiation risks. [Letter]  
*Radiat Environ Biophys* 36:213-214, 1997
241. **BOICE JD JR**, Lubin JH.  
Occupational and environmental radiation and cancer.  
*Cancer Causes Control* 8:309-322, 1997
242. Curtis RE, **BOICE JD JR**, Hankey BF, Fraumeni JF Jr.  
Second cancers after adjuvant tamoxifen therapy for breast cancer. [Letter]  
*J Natl Cancer Inst* 89:658-659, 1997
243. Curtis RE, Rowlings PA, Deeg HJ, Shriner DA, Socié G, Travis LB, Horowitz MM,  
Witherspoon RP, Hoover RN, Sobocinski KA, Schoch HG, Travis WD, Sale GE,  
Kolb H-J, Storb R, Gale RP, Passweg JR, Fraumeni JF Jr, **BOICE JD JR**.  
Solid cancers after bone marrow transplantation.  
*N Engl J Med* 336:897-904, 1997
244. Friis S, McLaughlin JK, Møller L, Kjøller KH, Blot WJ, **BOICE JD JR**,  
Fraumeni JF Jr, Olsen JH.  
Breast implants and cancer in Denmark.  
*Int J Cancer* 71:956-958, 1997
245. Inskip PI, Hartshorne MF, Tekkel M, Rahu M, Veidebaum T, Auvinen A, Crooks LA,  
Littlefield LG, McFee AF, Salomaa S, Mäkinen S, Tucker JD, Sørensen KJ,  
Bigbee WL, **BOICE JD JR**.  
Thyroid nodularity and cancer among Chernobyl cleanup workers from Estonia.  
*Radiat Res* 147:225-235, 1997
246. Inskip PD, Tekkel M, Rahu M, Veidebaum T, Hakulinen T, Auvinen A, Rytömaa T,  
Servomaa K, Ojamaa GI, Stengrevics A, Kesminiene A-A, Kurtinaitis J,  
Hartshorne MF, Littlefield LG, Salomaa S, Tucker JD, Bigbee WL, Jensen RH,  
Moloney WC, **BOICE JD JR**.  
Studies of leukemia and thyroid disease among Chernobyl clean-up workers from the  
Baltics.  
*NCRP Proc* 18:123-141, 1997
247. Jensen RH, Zhang S, Wang Z, Wang W, **BOICE JD JR**.  
Glycophorin A somatic cell mutation frequencies in residents of Tibet at high altitude.  
*Health Phys* 73:663-667, 1997
248. Kleinerman RA, Linet MS, Hatch EE, Wacholder S, Tarone RE, Severson RK,  
Kaune WT, Friedman DR, Haines CM, Muirhead CR, **BOICE JD JR**,  
Robison LL.  
Magnetic field exposure assessment in a case-control study of childhood leukemia.  
*Epidemiology* 8:575-583, 1997
249. Li FP, Abramson DH, Tarone R, Kleinerman R, Fraumeni JF Jr, **BOICE JD JR**.  
Hereditary retinoblastoma, lipoma and second primary cancers.  
*J Natl Cancer Inst* 89:83-84, 1997
250. Littlefield LG, Travis LB, Sayer AM, Voelz GL, Jensen RH, **BOICE JD JR**.  
Cumulative genetic damage in hematopoietic stem-cells in a patient with a  
40-year exposure to alpha particles emitted by thorium dioxide.  
*Radiat Res* 148:135-144, 1997
251. Lubin JH, **BOICE JD JR**.  
Lung cancer risk from residential radon: meta-analysis of eight epidemiologic studies.  
*J Natl Cancer Inst* 89:49-57, 1997

252. Lubin JH, **BOICE JD JR.**  
Lung cancer risk from residential radon: meta-analysis of eight epidemiologic studies.  
[Letter].  
*J Natl Cancer Inst* 89:664-665, 1997
253. Miller RW, **BOICE JD JR.**  
Cancer after intrauterine exposure to the atomic bomb. [Commentary]  
*Radiat Res* 147:396-397, 1997
254. Olsen JH, **BOICE JD JR**, Seersholm NJ, Bautz A, Fraumeni JF Jr.  
Cancer in the parents of children with cancer.  
*Ugeskr Laeger* 159:288-293, 1997
255. Rahu M, Tekkel M, Veidebaum T, Pukkala E, Hakulinen T, Auvinen A, Rytömaa T, Inskip PD, **BOICE JD JR.**  
The Estonian study of Chernobyl cleanup workers: incidence of cancer and mortality. Part II.  
*Radiat Res* 147:653-657, 1997
256. Servomaa K, Kiuru A, Kosma V-M, Tekkel M, Rahu M, Veidebaum T, Auvinen A, Hakulinen T, **BOICE JD JR**, Inskip P, Rytömaa T.  
Mutations in the *p53* tumour suppressor gene and other molecular changes in cancers among Chernobyl cleanup workers from Estonia.  
In: *Health Effects of Low Dose Radiation. Challenges of the 21st Century.* London, British Nuclear Energy Society, 1997, pp 92-5
257. Tekkel M, Rahu M, Veidebaum T, Hakulinen T, Auvinen A, Rytömaa T, Inskip PD, **BOICE JD JR.**  
Estonian study of Chernobyl cleanup workers: design and questionnaire data. Part I.  
*Radiat Res* 147:641-652, 1997
258. Travis LB, Curtis RE, Storm H, Hall P, Holowaty E, van Leeuwen FE, Kohler BA, Pukkala E, Lynch CF, Andersson M, Bergfeldt K, Clark A, Wiklund T, Hankey BF, Gospodarowicz M, Sturgeon J, Fraumeni JF Jr, **BOICE JD JR.**  
Risk of second malignant neoplasms among long-term survivors of testicular cancer.  
*J Natl Cancer Inst* 89:1429-1439, 1997
259. Tucker JD, Tawn EJ, Holdsworth D, Morris S, Langlois R, Ramsey MJ, Kato P, **BOICE JD JR**, Tarone RE, Jensen RH.  
Biological dosimetry of radiation workers at the Sellafield nuclear facility.  
*Radiat Res* 148:216-226, 1997
260. Wong FL, **BOICE JD JR**, Abramson DH, Tarone RE, Kleinerman RA, Stovall M, Goldman MB, Seddon JM, Tarbell N, Fraumeni JF Jr, Li FP.  
Cancer incidence after retinoblastoma: radiation dose and sarcoma risk.  
*JAMA* 278:1262-1267, 1997
- 1998 261. Auvinen A, Rahu M, Veidebaum T, Tekkel M, Hakulinen T, Salomaa S, **BOICE JD JR** (eds).  
Cancer Incidence and Thyroid Disease among Estonian Chernobyl Clean-up Workers. Helsinki, Finnish Radiation and Nuclear Safety Authority, 1998, 216p [STUK-A158]
262. **BOICE JD JR.**  
Radiation and thyroid cancer - what more can be learned? (Editorial)  
*Acta Oncol* 37:321-324, 1998
263. **BOICE JD JR.**  
Radiation epidemiology: the *past is prologue* to the twenty-first century.  
*Nucl Energy* 37:15-20, 1998
264. **BOICE JD JR.**  
Possible health effects of exposure to residential electric and magnetic fields.  
[Book Review].  
*J Natl Cancer Inst* 90:1744-1745, 1998

265. **BOICE JD JR.**  
Health-effects research at the crossroads: molecular-based tool for biologic dosimetry and individual susceptibility [discussant].  
In: Serving Science and Society into the New Millennium  
DOE/NRC Symposium  
Washington DC, *Natl Acad Press*, 1998, pp 61-67
266. Doody MM, Mandel JS, Lubin JH, **BOICE JD JR.**  
Mortality among U.S. radiologic technologists, 1926-1990.  
*Cancer Causes Control* 9:67-75, 1998
267. Khan MA, Travis LB, Lynch CF, Soini Y, Hruszkewycz AM, Delgado RM, Holowaty EJ, van Leeuwen FE, Glimelius B, Stovall M, **BOICE JD JR**, Tarone RE, Bennett WP.  
*p53* mutations in cyclophosphamide-associated bladder cancer.  
*Cancer Epidemiol Biomark Prev* 7:397-403, 1998
268. Littlefield LG, McFee AF, Salomaa S, Tucker JD, Inskip PD, Sayer AM, Lindholm C, Mäkinen S, Mustonen R, Sorensen K, Tekkel M, Veidebaum T, Auvinen A, **BOICE JD JR.**  
Do recorded doses overestimate true doses received by Chernobyl cleanup workers? Results of cytogenetic analyses of Estonian workers by fluorescence *in situ* hybridization.  
*Radiat Res* 150:237-249, 1998
269. Lubin JH, Linet MS, **BOICE JD JR**, Buckley J, Conrath SM, Hatch EE, Kleinerman RA, Tarone RE, Wacholder S, Robison LL.  
A case-control study of childhood acute lymphoblastic leukemia and residential radon exposure.  
*J Natl Cancer Inst* 90:294-300, 1998
270. Nyrén O, Yin L, Josefsson S, McLaughlin JK, Blot WJ, Engqvist M, Hakelius L, **BOICE JD JR**, Adami H-O.  
Risk of connective tissue disease and related disorders among women with breast implants: a nationwide retrospective cohort study in Sweden.  
*Br Med J* 316:1-6, 1998
271. Ron E, Doody MM, Becker DV, Brill AB, Curtis RE, Goldman MB, Harris BSH III, Hoffman DA, McConahey WM, Maxon HR, Preston-Martin S, Warshauer ME, Wong FL, **BOICE JD JR.**  
Cancer mortality following treatment for hyperthyroidism.  
*JAMA* 280:347-355, 1998
272. Rothman KJ, **BOICE JD JR.**  
More about: involuntary smoking and lung cancer: a case-control study. [Letter].  
*J Natl Cancer Inst* 90:1746, 1998
273. Tarone RE, Kaune WT, Linet MS, Hatch EE, Kleinerman RA, Robison LL, **BOICE JD JR**, Wacholder S.  
Residential wire codes, reproducibility and relationship with measured magnetic fields.  
*J Occup Envir Med* 55:333-339, 1998
- 1999 274. Blot WJ, Henderson BE, **BOICE JD JR.**  
Childhood cancer in relation to cured meat intake. Review of the epidemiologic evidence.  
*Nutr Cancer* 34:111-118, 1999
275. **BOICE JD JR**, Marano DE, Fryzek JP, Sadler CJ, McLaughlin JK.  
Mortality among aircraft manufacturing workers.  
*Occup Environ Med* 56:581-597, 1999

276. **BOICE JD JR**, Miller RW.  
Childhood and adult cancer after intrauterine exposure to ionizing radiation.  
*Teratology* 59:227-233, 1999
277. **BOICE JD JR**, Morrissey J.  
Epidemiologic studies related to cellular telephone communications. In: *Electricity and Magnetism in Biology and Medicine*.  
Proceedings of the Second World Congress held in Bologna, Italy, June 8-13, 1997  
(Bersani F, ed).  
New York, Kluwer Academic, 1999, pp129-132
278. **BOICE JD JR**, Olsen JH.  
Prophylactic mastectomy in women with a high risk of breast cancer [Letter].  
*N Engl J Med* 340:1838-1839, 1999
279. Inskip PD, Linet MS, Hatch EE, Stewart PA, Heineman EF, Ziegler RG,  
Dosemici M, Parry D, Rothman N, **BOICE JD JR**, Wilcosky TC, Watson DJ, Fine  
HA, Shapiro WR, Selker RG, Fine HA, Black PM, Loeffler JS, Linet MS.  
Study design for a case-control investigation of cellular telephones and other risk  
factors for brain tumors in adults.  
*Radiat Prot Dosimetry* 86:45-52, 1999
280. International Agency for Research on Cancer.  
*IARC monographs on the evaluation of carcinogenic risks to humans. Vol 74.*  
*Surgical implants and other foreign bodies*.  
Lyon, France: IARC, 1999 (**member of the Working Group**)
281. Little MP, **BOICE JD JR**.  
Comparison of breast cancer incidence in the Massachusetts tuberculosis  
fluoroscopy cohort and in the Japanese atomic bomb survivors.  
*Radiat Res* 151:218-224, 1999
282. Little MP, Weiss HA, **BOICE JD JR**, Darby SC, Day NE, Muirhead CR.  
Risks of leukemia in Japanese atomic bomb survivors, in women treated for  
cervical cancer and in patients treated for ankylosing spondylitis.  
*Radiat Res* 152:280-292, 1999
283. Mattsson A, Holmberg E, Preston D, **BOICE JD JR**.  
Radiation effects on breast cancer risk: a pooled analysis of eight cohorts. In: *On*  
*Ionising Radiation and Breast Cancer Risk*  
(Mattsson A, Doctoral Thesis).  
Stockholm, Karolinska University, 1999
284. Olsen JH, Seersholm N, **BOICE JD JR**, Kjaer SK, Fraumeni JF Jr.  
Cancer risk in close relatives of women with early-onset breast cancer - a population-  
based incidence study.  
*Br J Cancer* 79:673-679, 1999
285. Travis LB, Holowaty EJ, Bergfeldt K, Lynch CF, Kohler BA, Wiklund T,  
Curtis RE, Hall P, Andersson M, Pukkala E, Sturgeon J, Stovall M, Storm H,  
Clarke EA, **BOICE JD JR**, Gospodarowicz M.  
Risk of leukemia after platinum-based chemotherapy for ovarian cancer.  
*N Engl J Med* 340:351-357, 1999
- 2000 286. **BOICE JD JR**.  
Joint analysis of underground miners and risks of radon-induced lung cancer.  
In: *Exposition au radon dans les habitations: évaluation et gestion du risque*.  
2-3 Février 1998. (édité par Bard D).  
Société Française de Santé Publique, Collection Santé et Société, No 8, 2000:83-89

287. **BOICE JD JR.**  
Extrapolation of the dose-response relationship for public health evaluation.  
In: *Exposition au radon dans les habitations: évaluation et gestion du risque.*  
2-3 Février 1998. (édité par Bard D).  
Société Française de Santé Publique, Collection Santé et Société, No 8, 2000:117-124
288. **BOICE JD JR**, Blettner M, Auvinen A.  
Epidemiologic studies of pilots and aircrew.  
*Health Phys* 79:576-584, 2000
289. **BOICE JD JR**, Little JB.  
Radiation.  
In: *Cancer prevention: the causes and prevention of cancer.* Vol 1. (Colditz GA, Hunter D, eds)  
Boston, Kluwer Academic Publishers, 2000: 123-136
290. **BOICE JD JR**, Persson I, Brinton LA, Hober M, McLaughlin JK, Blot WJ, Fraumeni JF Jr, Nyrén O.  
Breast cancer following breast reduction surgery in Sweden.  
*Plast Reconstr Surg* 106:755-62, 2000
291. **BOICE JD JR**, Robison LL, Mertens A, Stovall M, Green DM, Mulvihill JJ.  
Stillbirths and male irradiation (letter).  
*J Radiol Prot* 20:321-2, 2000
292. **BOICE JD JR**, Travis LB, Curtis RE.  
Second cancers following radiotherapy.  
In: *Radiation Research, Congress Proceedings*, vol 2, Eleventh ICRR, Dublin, Ireland, July 18-23, 1999 (Moriarty M, Mothersill C, Seymour C, Edington M, Ward JF, Fry RJM, eds).  
Lawrence, KS: Allen Press, 2000; 755-8
293. Doody MM, Mandel JS, Linet MS, Ron E, Lubin JH, **BOICE JD JR**, Fraumeni JF Jr.  
Mortality among Catholic nuns certified as radiologic technologists.  
*Am J Indust Med* 37:339-348, 2000
294. Fry RJM, Ainsworth EJ, Blakely EA, **BOICE JD JR**, Curtis SB, Land CE, Robbins DE, Sinclair WK, Townsend LW.  
*Radiation Protection Guidance for Activities in Low-Earth Orbit.*  
NCRP Report No. 132. Bethesda, MD: NCRP, 2000, 210 pp
295. International Agency for Research on Cancer  
IARC monographs on the evaluation of carcinogenic risks to humans. Vol 75.  
*Ionizing Radiation, Part I: X- and Gamma ( $\gamma$ )-Radiation, and Neutrons.* Lyon, France: IARC, 2000 (**member of the Working Group**)
296. Marano DE, **BOICE JD JR**, Fryzek JP, Morrison JA, Sadler CJ, McLaughlin JK.  
Exposure assessment for a large epidemiologic study of aircraft manufacturing workers.  
*Appl Occup Environ Hyg* 15:644-656, 2000
297. Travis LB, Andersson M, Gospodarowicz M, van Leeuwen FE, Bergfeldt K, Lynch CF, Curtis RE, Kohler BA, Wiklund T, Storm H, Holowaty E, Hall P, Pukkala E, Sleijfer DT, Clarke EA, **BOICE JD JR**, Stovall M, Gilbert E.  
Treatment-associated leukemia following testicular cancer  
*J Natl Cancer Inst* 92:1165-1171, 2000
- 2001 298. Anttolainen M, Luoto R, Uutela A, **BOICE JD JR**, Blot WJ, McLaughlin JK, Puska P.  
Characteristics of users and nonusers of plant stanol ester margarine in Finland: an approach to study functional foods.  
*J Am Dietetic Assoc* 101:1365-1368, 2001
299. **BOICE JD JR.**  
Radiation and breast carcinogenesis.  
*Med Pediatr Oncol* 36:508-513, 2001

300. **BOICE JD JR.**  
Second malignancies after chemotherapy  
In: *The Chemotherapy Source Book*, Third Edition (Perry MC, ed).  
Baltimore, MD, Lippincott, Williams & Wilkins, 2001, pp. 526-546
301. **BOICE JD JR.**  
Study of health effects of low-level radiation in USA nuclear shipyard workers.  
*J Radiol Prot* 21:400-403, 2001
302. **BOICE JD JR**, McLaughlin JK.  
Errors in TCE analysis. [Letter].  
*Environ Health Perspect* 109:108, 2001
303. Brinton LA, Persson I, **BOICE JD JR**, McLaughlin JK, Fraumeni JF Jr.  
Breast cancer risk in relation to tissue removed during breast reduction  
operations in Sweden.  
*Cancer* 91:478-483, 2001
304. International Agency for Research on Cancer.  
IARC monographs on the evaluation of carcinogenic risks to humans. Vol 78.  
*Ionizing Radiation, Part 2: Some Internally Deposited Radionuclides*. Lyon, France:  
IARC, 2001 (Member of Working Group)
305. Johansen C, **BOICE JD JR**, McLaughlin JK, Olsen JH.  
Cellular telephones and cancer - a nationwide cohort study in Denmark.  
*J Natl Cancer Inst* 93:203-207, 2001
306. Johansen C, **BOICE JD JR**, McLaughlin JK, Olsen JH.  
Response: Cellular telephones and cancer - a nationwide cohort study in Denmark.  
*J Natl Cancer Inst* 93:878-879, 2001, 93:952-953, 2001
307. Matanoski GM, **BOICE JD JR**, Brown SL, Gilbert ES, Puskin JS, O'Toole T.  
Radiation exposure and cancer: case study.  
*Am J Epidemiol* 154 (suppl):S91-S98, 2001
308. Naumburg E, Bellocco R, Cnattingius S, Hall P, **BOICE JD JR**, Ekblom A.  
Intrauterine exposure to diagnostic X rays and risk of childhood leukemia subtype.  
*Radiat Res* 156:718-723, 2001.
309. Olsen JH, Hahnemann JM, Børresen-Dale A-L, Brøndum-Nielsen K, Hammarström  
L, Kleinerman R, Kääriäinen H, Lönnqvist T, Sankila R, Seersholm N, Tretli S,  
Yuen J, **BOICE JD JR**, Tucker PT.  
Cancer in patients with ataxia-telangiectasia and in their relatives in the Nordic  
countries.  
*J Natl Cancer Inst* 93:121-127, 2001
310. Travis LB, Land CE, Andersson M, Nyberg U, Goldman MB, Gaul LK, Berger E,  
Storm HH, Hall P, Auvinen A, Janower ML, Holm L-E, Monson RR, Schottenfeld  
D, **BOICE JD JR**.  
Mortality after cerebral angiography with and without radioactive Thorotrast: an  
international cohort of 3,143 two-year survivors.  
*Radiat Res* 156:136-150, 2001
311. Winther JF, Sankila R, **BOICE JD JR**, Tulinius H, Bautz A, Barlow L, Glatte E,  
Langmark F, Moller TR, Mulvihill JJ, Olafsdottir GH, Ritvanen A, Olsen JH.  
Cancer in siblings of children with cancer in the Nordic countries: a population-  
based cohort study.  
*Lancet* 358:711-717, 2001
- 2002 312. **BOICE JD JR.**  
Study of health effects in areas of high background radiation in China.  
*J Radiol Prot* 22:102-104, 2002

313. Fry RJM, **BOICE JD JR**.  
Radiation carcinogenesis.  
In: *Oxford Textbook of Oncology, Second Edition* (Souhami RL, Tannock I, Hohenberger P, Horiot J-C, eds).  
New York: Oxford Press, 2002, pp 167-184
314. Groves FD, Page WF, Gridley G, Lisimaque L, Stewart PA, Tarone RE, Gail MH, **BOICE JD JR**, Beebe GW.  
Cancer in Korean War Navy Technicians: mortality survey after forty years.  
*Am J Epidemiol* 155:810-818, 2002
315. Johansen C, **BOICE JD JR**, McLaughlin JK, Christensen HC, Olsen JH.  
Mobile phones and malignant melanoma of the eye.  
*Br J Cancer* 86:348-349, 2002
316. Robison LL, Mertens AC, **BOICE JD JR**, Breslow NE, Donaldson SS, Green DM, Li FP, Meadows AT, Mulvihill JJ, Neglia JP, Nesbit ME, Packer RJ, Potter JD, Sklar CA, Smith MA, Stovall M, Strong LC, Yushui Y, Zeltzer LK.  
Study design and cohort characteristics of the Childhood Cancer Survivor Study: a multi-institutional collaborative project..  
*Med Pediatr Oncol* 38:229-239, 2002
317. Sigurdson AJ, Stovall M, Kleinerman RA, Maor MH, Taylor ME, **BOICE JD JR**, Ron E.  
Feasibility of assessing the carcinogenicity of neutrons among neutron therapy patients. [Commentary]  
*Radiat Res* 157:483-489, 2002
318. Travis LB, Gospodarowicz M, Curtis RE, Clarke AE, Andersson M, Glimelius B, Joensuu T, Lynch CF, van Leeuwen FE, Hotowaty E, Storm H, Glimelius I, Pukkala E, Stovall M, Fraumeni JF Jr, **BOICE JD JR**, Gilbert E.  
Lung cancer following chemotherapy and radiotherapy for Hodgkin's disease.  
*J Natl Cancer Inst* 94:182-192, 2002
319. Wang ZY, Lubin JH, Wang L, Zhang S, **BOICE JD JR**, Cui H, Zhang S, Conrath S, Xia Y, Shang B, Brenner A, Lei S, Metayer C, Cao J, Chen KW, Lei S, Kleinerman RA.  
Residential radon and lung cancer in a high exposure area in Gansu Province, China.  
*Am J Epidemiol* 155:554-564, 2002
- In Press 320. **BOICE JD JR**.  
Radiation-induced leukemia.  
In: *Leukemia*, Seventh Edition (Henderson ES, Lister TA, Greaves MF, eds).  
Philadelphia, W.B. Saunders
321. Freedman DM, Tarone RE, Doody MM, Mohan A, Alexander BH, **BOICE JD**, Linet MS.  
Trends in reproductive, smoking, and other chronic disease risk factors by birth cohort and race in a large occupational study population.  
*Am J Publ Health*
322. Mohan AK, Hauptmann M, Linet MS, Ron E, Lubin JH, Freedman DM, Alexander BH, **BOICE JD JR**, Doody MM, Matanoski GM.  
Breast cancer mortality among radiologic technologists in the United States.  
*J Natl Cancer Inst*
323. Preston DL, Mattsson A, Holmberg E, Shore R, Hildreth NG, **BOICE JD JR**.  
Radiation effects on breast cancer risk: a pooled analysis of eight cohorts.  
*Radiat Res*

324. Pukkala E, **BOICE JD JR**, Hovi S-H, Hemminki E, Asko-Seljavaara S, Keskimäki, McLaughlin JK, Pakkanen M, Teppo L.  
Incidence of breast and other cancers among Finnish women with cosmetic breast implants, 1970-1999.  
*J Long Term Eff Med Implants*
- Submitted Articles 325. Dickman PW, Holm L-E, Lundell G, **BOICE JD JR**, Hall P.  
Thyroid cancer risk after thyroid examination with <sup>131</sup>I: a population-based cohort study in Sweden.  
*Br Med J*
326. Little MP, **BOICE JD JR**.  
Analysis of breast cancer in the Massachusetts TB fluoroscopy cohort and in the Japanese A-bomb survivors, taking account of dosimetric error and curvature in the A-bomb dose response: absence of evidence of reduction of risk following fractionated irradiation.  
In: *The Effects of Low and Very Low Doses of Ionizing Radiation on Human Health*, Proceedings, 2nd International Conference  
World Council of Nuclear Workers, Dublin 27-29 June 2001
327. Mohan AK, Hauptmann M, Linet MS, Ron E, Lubin JH, Freedman DM, Alexander BH, **BOICE JD JR**, Doody MM, Matanoski GM.  
Breast cancer mortality among radiologic technologists in the United States.  
*Int J Cancer*